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Method comparison and Inter-laboratory study Report

ISO 16140-2 renewal study validation of **CampyFood Agar method** for the enumeration of thermotolerant *Campylobacter* spp. in poultry products, meat products and environmental samples

MicroVal study number	2009LR28
Method/Kit name	**CampyFood Agar method**
Report version	**Summary Report - Version 3** 17 February 2026
Manufacturer	**bioMérieux** 376 Chemin de l'Orme F-69280 MARCY L'ETOILE (France)
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Cancels and replace the previous version.
This report consists of 156 pages, including 12 appendices.
Only copies including the totality of this report are authorised.

The results in this report relate only to the item(s) submitted for testing.
Competencies of the laboratory are certified by COFRAC accreditation for the analyses marked with the symbol◆.

Standardized report - Quantitative methods

MICROVAL® NEN

Modifications are highlighted.

The technical protocol and the result interpretation were carried out according to the ISO 16140-2:2016, ISO 16140-2/A1:2024 and the MicroVal technical rules.

Validation protocol	▪ ISO 16140-1:2016: Microbiology of the food chain - Method validation — *Part 1: Vocabulary* ▪ ISO 16140-2:2016 & ISO 16140-2/A1:2024: Microbiology of the food chain - Method validation — *Part 2: Protocol for the validation of alternative (proprietary) methods against a reference method* ▪ MicroVal technical committee interpretation of ISO 16140-2 v.2.6
Reference method ♦	▪ ISO 10272-2:2017 - Microbiology of the food chain - Horizontal method for detection and enumeration of *Campylobacter* spp. - Part 2: Colony-count technique ▪ ISO 10272-2:2017/Amd 1:2023 - Microbiology of the food chain - Horizontal method for detection and enumeration of *Campylobacter* spp. - Part 2: Colony-count technique - Amendment 1: Inclusion of methods for molecular confirmation and identification of thermotolerant *Campylobacter* spp. and changes in the performance testing of culture media
Method/Kit name	**CampyFood Agar method for the enumeration of *Campylobacter* spp.**
Scope of validation	> **Poultry products** > **Meat products** > **Environmental samples**
Certification organization	Lloyd's Register

LIST OF ABBREVIATIONS

- CFA CampyFood Agar
- CFB CampyFood Broth
- CFU Colony Forming Units
- CBA Columbia Sheep blood agar
- d Doubtful colony
- EL Expert Laboratory
- g Gram
- h Hour
- ILS Interlaboratory Study
- Inc/Ex Inclusivity and Exclusivity
- MCS Method Comparison Study
- min minute
- ml Milliliter
- MR (MicroVal) Method Reviewer
- MVTC MicroVal Technical Committee
- PSD Peptone Salt Diluent
- RT Relative Trueness
- w: Weak reaction
- XLD: Xylose Lysine Deoxycholate agar

Bold typing: artificially inoculated samples

1 INTRODUCTION

The method was validated at MicroVal on the 31st of March 2010 for poultry products, meat products and environmental samples (Certificate number: 2009LR28). It was renewed in March 2014 without modification.
A renewal according to the ISO 16140-2:2016 was obtained in September 2018 and in 2022.

In 2026, the entire report was revised to align with the ISO 16140-2/A1:2024 and the ISO 7218:2024. Although this revision had no major impact on the final outcome of the study, it resulted in minor modifications in the dataset and the results.

A summary of the different validation studies is listed below:

Date	Study	ISO method	Validation standard	Conducted by
March 2010	Initial validation	ISO/TS 10272-2:2006	ISO 16140:2003	ADRIA
2014	Renewal study	ISO/TS 10272-2:2006	ISO 16140:2003	ADRIA
2018	Renewal study	ISO 10272-2:2017	ISO 16140-2:2016	ADRIA
2022	Renewal study	ISO 10272-2:2017	ISO 16140-2:2016	ADRIA
2026	Renewal study	ISO 10272-2:2017 & ISO 10272-2/A1:2023	ISO 16140-2:2016 & ISO 16140-2/A1:2024	ADRIA

The alternative method used is an enumeration of thermotolerant *Campylobacter* spp. on CampyFood Agar (CFA) from sample primarily diluted in Peptone salt (PSD) or CampyFood Broth (CFB) for:

- Poultry products.
- Meat products (except poultry).
- Environmental samples.

The reference method is: ISO 10272-2:2017 - Microbiology of the food chain - Horizontal method for detection and enumeration of *Campylobacter* spp. - *Part 2: Colony-count technique.*

Criteria evaluated during this validation study are:

- Method Comparison Study (MCS)
  - * Relative Trueness study
  - * Accuracy profile study

* Inclusivity and exclusivity study
- Interlaboratory Study (ILS).

2 METHOD PROTOCOLS

The Method Comparison Study was carried out using 25 gram portions of sample material.

2.1 Reference method♦

See the flow diagram in **Appendix 1**.

The reference method used for the initial validation study in 2010 was the ISO/TS 10272-2:2006 - Microbiology of food and animal feeding stuffs - Horizontal method for detection and enumeration of *Campylobacter* spp. - Part 2: Colony-count technique. Sample preparations used in the reference method were done according to ISO 6887 parts 1 and 2.

The reference method used for the renewal study in 2026 was the ISO 10272-2:2017 and ISO 10272-2:2017/Amd 1:2023. Changes linked to this revision and amendment are considered as minor and thus with no impact on the alternative method validations. During this renewal, the raw data of the reference method were reanalysed according to ISO 7218:2024 interpretation rules.

2.2 Alternative method

See the flow diagram of the alternative method in **Appendix 2**.

See the CampyFood Agar kit insert and the *Campylobacter* latex test

The CampyFood Agar is a selective media for isolation and enumeration of most thermotolerant *Campylobacter* species as *C. jejuni, C. coli, C. lari.*
The CampyFood Agar contains a mixture of peptones and horse serum which favour the growth of *Campylobacter* as well as a mixture of antibiotics and antifungal agents which are inhibitory to must of contaminants. A colour indicator is used to facilitate reading of the plates. The *Campylobacter* spp. appear as red colonies.

Two diluents can be used for the primary sample dilution: peptone salt or CFB broth.

The protocol is the following:

- Dilution in Peptone Salt Diluent (PSD) or CampyFood Broth (CFB) (dilution 1/10).
- Inoculation of 0.1 ml on one CampyFood Agar plate by surface spreading or 1 ml onto 3 plates (low number estimation). Repeat with subsequent decimal dilutions if necessary.
- Incubation of the plates in a microaerobic atmosphere, inverted for 44 h ± 4 h at 41.5°C ± 1°C.
- Count any typical deep-red (burgundy) to orangey-red colonies, sometimes with a metallic sheen.

If needed, five confirmation procedures are available:

- The tests described in the ISO 10272-2 method (including the purification step);
- A simplified method:
    * Streaking half colony on blood agar: incubate for 48 h ± 4 h at 41.5°C ± 1°C in aerobic atmosphere.
    * Streaking the other half colony on blood agar: incubate for 48 h ± 4 h at 41.5°C ± 1°C in microaerobic atmosphere.
    * Oxidase test and microscopic examination on colonies which grow in microaerobic atmosphere.
- VIDAS® CAM method: on 1 up to 5 pooled typical colonies (depending on the number of colonies available on the plates).
- Campylobacter latex kit: on 1 colony until 5 if the first one is negative, depending on the number of colonies available on the plate.
- VITEK® MS or VITEK® MS PRIME Mass Spectrometry on 1 up to 5 typical colonies (depending on the number of colonies available on the plates) from CFA or CBA.

2.3 Study design

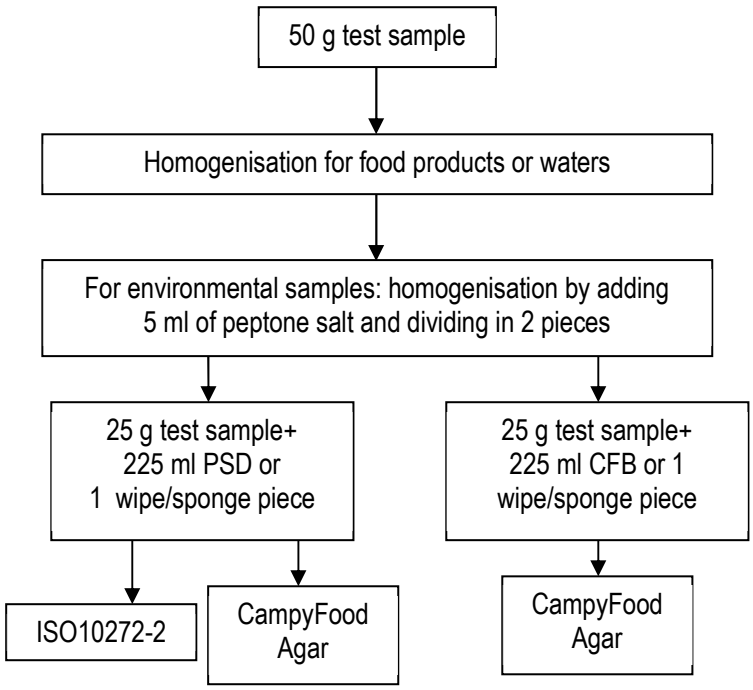
The study design depends on diluent used for the primary sample dilution of the alternative method. When peptone salt is used, the reference and alternative methods share a common dilution step, it is a paired study. When CFB is used as primary diluent, it is an unpaired study.

3 METHOD COMPARISON STUDY

3.1 Sample preparation

During the initial validation study, 2 diluents were tested (Peptone Salt Diluent and CampyFood broth). The further decimal dilutions were done in peptone salt. The CampyFood broth was also used as diluents for the reference method protocol in order to get sufficient information to explain result differences if required. For the renewal study, the reference method was run only using the peptone salt for the primary dilution.
For naturally contaminated samples, the tests were realized according to the following scheme (See Figure 1). Artificially contaminated samples were inoculated individually.

Figure 1



3.2 Confirmation protocol applied for the renewal study

Four confirmatory protocols were tested for the initial validation study:

- Tests described in the ISO method.
- Simplified method.
- VIDAS CAM (pool of up to 5 colonies).
- AccuProbe. The AccuProbe is no longer used in the confirmation protocol.

For the renewal study in 2018, the following confirmatory protocols were claimed:

- Tests described in the ISO method.
- Simplified method.
- VIDAS® CAM.
- *Campylobacter* latex test.
- VITEK® MS.

Confirmation of presumptive colonies using *Campylobacter* latex test and VITEK® MS was certified by AFNOR Certification (2014) with a minimum of 150 target and 100 non-target strains:

- *Campylobacter* latex test (on 1 colony until 5 if the first one is negative, depending on the number of colonies available on the plate) from CFA or CBA.
- VITEK® MS Mass Spectrometry from CFA or CBA on 1 to 5 colonies.

Concerning the *Campylobacter* latex test an extension study was run in 2014 for AFNOR validation, a summary of the results is given in part “3.5 Inclusivity and exclusivity”, this was also tested during the renewal validation study
Concerning VITEK® MS, it is proposed to include this confirmation protocol in the MicroVal certificate on the basis of the already existing data. A summary of the main results is given in part “3.5 Inclusivity and exclusivity” studies.

A modification was conducted by the method developer to extend the confirmation procedure to the VITEK® MS PRIME instrument. In June of 2022, the study data was reviewed and approved by the MicroVal Technical Committee.

3.3 Relative trueness study

The relative trueness is the degree of correspondence between the response obtained by the reference method and the response obtained by the alternative method on identical samples.

3.3.1 Number and nature of the samples

The selected types per category and examples of Items tested are listed in Table 1.

A total of 3 categories were included in this validation study. Three types were evaluated within each category. A minimum of 15 items for each category was tested by both the reference method and the alternative method in the relative trueness study, with a minimum of 5 interpretable results per type.

Table 1 - List of categories, types, and examples of Items tested within the relative trueness study

Category	Type	Number of samples tested	Number of interpretable results by both methods with ISO or VIDAS confirmation	
			PSD	CFB
1-Meat and meat products (except poultry)	a: Fresh	9	6	6
	b: Carcass samples	17	5	5
	c: Processed meat products	6	6	6
	Total	32	17	17
2-Poultry and poultry products	a: Fresh meat	16	11	7
	b: Carcass samples (including poultry neck skin)	12	6	6
	c: Cooked meat products	10	6	6
	Total	38	23	19
3-Environmental samples	a: Wastes in manufacturing process	9	7	5
	b: Equipment / production environment (sponge, swabs, wipes)	14	5	5
	c: Water used in the manufacturing process	11	6	6
	Total	34	18	16
ALL CATEGORIES		**104**	**58**	**52**

For the renewal in 2026, new interpretation was done by reinterpreting the data according to ISO 7218:2024 and ISO 16140-2/A1. During this re-analysis, two samples were found uninterpretable. To obtain enough interpretable results, two samples (n° 136516 and 136517) were analyzed in 2026 (poultry neck skin). These samples are highlighted in purple in the raw results.

In total, 104 samples were analyzed, leading to 58 exploitable results using PSD and 52 exploitable results using CFB as diluent with identical numbers obtain before and after confirmation.

3.3.2 Artificial and natural contamination of the samples

Artificial contaminations were realized by spiking or seeding protocols. Injury efficiency was evaluated by enumerating the pure culture on selective and non-selective agars. The artificial contamination is given in **Appendix 3**.

30 samples were artificially contaminated, 26 gave interpretable results by both methods and 32 naturally contaminated samples gave interpretable results by both methods using PSD and 26 using CFB

The naturally contaminated samples giving interpretable results represent 55.2% and 50.0% respectively for PSD and CFB diluents.

3.3.3 Raw data

The raw data are provided in **Appendix 4**.

The samples were analyzed by the reference and the alternative methods in order to have 15 interpretable results per incubation protocol, and 5 interpretable results per tested type.

The data are classified in four categories (See Table 2):

- Interpretable results with the reference and the alternative methods.
- Results with less than 4 colonies per plate with the reference and/or the alternative method (indicated with "*" in the data) in order to have a more precise result. These results are not included in the calculation.
- Results below or above the quantification limit: according to the ISO 16140-2:2016, if any result (either reference or alternative method) is below the quantification limit,

the data should be plotted using a substituted value of 1 log_{10} units less than the observed value in case of a lower than value. Similarly, any value greater than the upper limit should be amended by adding 1 log unit. These results are not included in the calculations but also appear on the graphs.

- Samples with no result (ND): results not determined as the size of the colonies does not enable enumeration or incoherence in the enumeration between the dilutions are observed.

Table 2 - Classification of the data (enumeration after ISO confirmation)

Category	Type	Number of tested samples		Number of samples with interpretable results by both methods		Number of samples with no results (ND)		Number of samples with less than 4 colonies/plate		Number of samples below or above the quantification limit	
		PSD	CFB	PSD	CFB	PSD	CFB	PSD	CFB	PSD	CFB
1 - Meat and meat products (except poultry)	a: Fresh	9	9	6	6	0	0	0	0	3	3
	b: Carcass samples	17	17	5	5	0	0	0	0	12	12
	c: Processed meat products	6	6	6	6	0	0	0	0	0	0
	Total	32	32	17	17	0	0	0	0	15	15
2 - Poultry and poultry products	a: Fresh meat	16	16	11	7	0	0	1	5	4	4
	b: Carcass samples (including poultry neck skin)	12	12	6	6	0	0	3	3	3	3
	c: Cooked meat products	10	10	6	6	0	0	0	0	4	4
	Total	38	38	23	19	0	0	4	8	11	11
3 - Environmental samples	a: Wastes in manufacturing process	9	9	7	5	0	0	1	3	1	1
	b: Equipment / production environment (sponge, swabs, wipes)	14	14	5	5	0	0	0	0	9	9
	c: Water used in the manufacturing process	11	11	6	6	0	0	0	0	5	5
	Total	34	34	18	16	0	0	1	3	15	15
ALL CATEGORIES		**104**	**104**	**58**	**52**	**0**	**0**	**5**	**11**	**41**	**41**

The samples, which were not used in the calculations, are provided in Table 3.

Table 3 - Samples which were not used in the calculations (enumeration after ISO confirmation)

Sample n°	Product	Reference method (log CFU/g)	Alternative method (log CFU/g)		Category	Type
			PSD	CFB		
455	Pork feet	<1.00	<1.00	<1.00	1	a
456	Pork tails	<1.00	<1.00	<1.00	1	a
1411	Ground beef	1.00*	<1.00	<1.00	1	a
863	Sponge pork carcass	<1.00	<1.00	<1.00	1	b
864	Sponge pork carcass	<1.00	<1.00	<1.00	1	b
1066	Pork carcass N°1	<1.00	<1.00	<1.00	1	b
1067	Pork carcass N°2	<1.00	<1.00	<1.00	1	b
9488	Sponge beef carcass	<1.00	<1.00	<1.00	1	b
9489	Sponge beef carcass	<1.00	<1.00	<1.00	1	b
9490	Sponge beef carcass	<1.00	<1.00	<1.00	1	b
9491	Sponge beef carcass	<1.00	<1.00	<1.00	1	b
9492	Sponge beef carcass	<1.00	<1.00	<1.00	1	b
9493	Sponge beef carcass	<1.00	<1.00	<1.00	1	b
9494	Sponge beef carcass	<1.00	<1.00	<1.00	1	b
9495	Sponge beef carcass	<1.00	<1.00	<1.00	1	b
563	Turkey leg without skin	1.74		<1.00	2	a
564	Chicken pieces with skin	1.74		1.00*	2	a
706	Chicken wings (MAP)	1.65		1.30*	2	a
707	White chicken leg (MAP)	1.00*	<1.00	1.00*	2	a
708	Chicken drumstick (MAP)	1.65	1.00*	1.00*	2	a
984	Chicken wings	<1.00	1.30*	1.65	2	a
985	Chicken drumsticks	2.00		1.00*	2	a
997	Quail	<1.00	<2.00	<3.00	2	a
998	Cockerel	<1.00	<1.00	<1.00	2	a
1060	Chicken carcass	1.30*	1.00*	1.30*	2	b
1061	Chicken carcass	<1.00	1.00*	1.30*	2	b
1417	Poultry neck skin	1.56		<1.00	2	b
1418	Poultry neck skin	<1.00	<1.00	1.30*	2	b
1419	Poultry neck skin	1.56	2.48*	2.48*	2	b
1422	Poultry neck skin	3.30	3.48*		2	b
1753	Poultry neck skin	<4.00	<4.00	<4.00	2	b
457	Cooked poultry	<1.00	<1.00	<1.00	2	c
458	Cooked poultry	<1.00	<1.00	<1.00	2	c
1065	Duck liver pâté	<1.00	<1.00	<1.00	2	c
1097	Cooked chicken fillets	<1.00	<1.00	<1.00	2	c
1403	Operator hands wipe	<1.00	<1.00	<1.00	3	a
8644	Waste (Poultry skin and leg)	1.96		1.00*	3	a

Sample n°	Product	Reference method (log CFU/g)	Alternative method (log CFU/g)		Category	Type
			PSD	CFB		
8646	Waste (Poultry head)	1.74		1.48*	3	a
8647	Waste (Poultry head)	1.00*	2	2	3	a
1272	Environmental sample (feathery)N°1	<3.00	<3.00	<3.00	3	b
1273	Environmental sample (feathery)N°2	<3.00	<3.00	<3.00	3	b
1274	Environmental sample (feathery)N°4	<3.00	<3.00	<3.00	3	b
1275	Environmental sample (feathery)N°3	<3.00	<3.00	<3.00	3	b
1402	Frozen Guinea-fowl liver	<1.00	1.00*	<1.00	3	b
1435	Beef slaughter-house environmental sample(wipe)	<3.00	<3.00	<3.00	3	b
1436	Beef slaughter-house environmental sample(wipe)	<1.00	<1.00	<1.00	3	b
1437	Pork slaughter-house environmental sample(wipe)	<3.00	<3.00	<3.00	3	b
1438	Pork slaughter-house environmental sample(wipe)	<3.00	<2.00	<2.00	3	b
1276	Environmental sample (feathery)N°4	<3.00	<3.00	<3.00	3	c
1301	Environmental sample (feathery)N°2	<3.00	<3.00	<3.00	3	c
1398	Scalding water	<1.00	<1.00	<1.00	3	c
3119	Process water	<1.00	<1.00	<1.00	3	c
3120	Process water	<2.00	<2.00	<2.00	3	c

* Enumeration lower than 4 CFU/plate

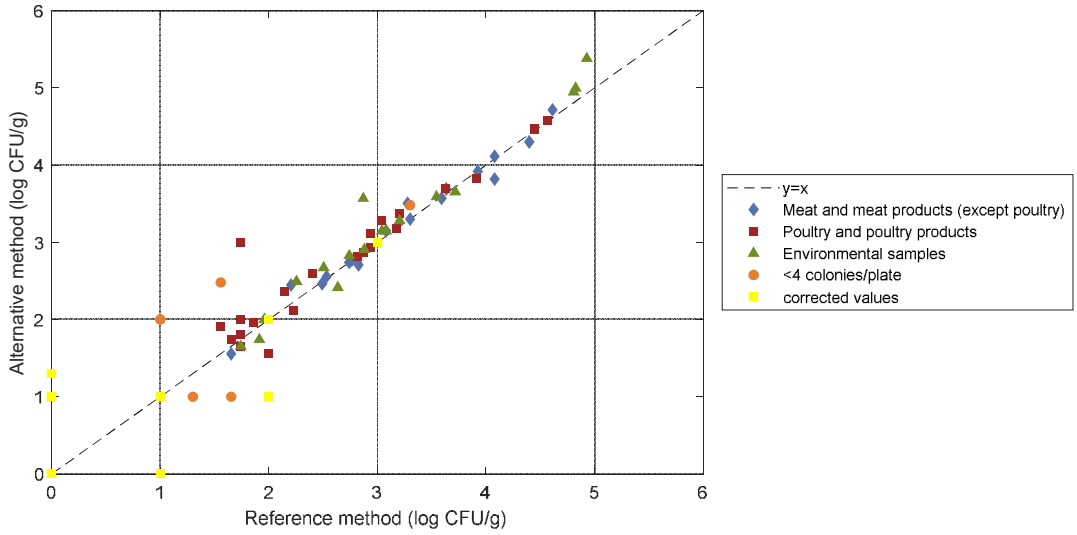
3.3.4 Statistical interpretation

The obtained data were analyzed using the scatter plot. The graphs are provided with the line of identity (y = x).

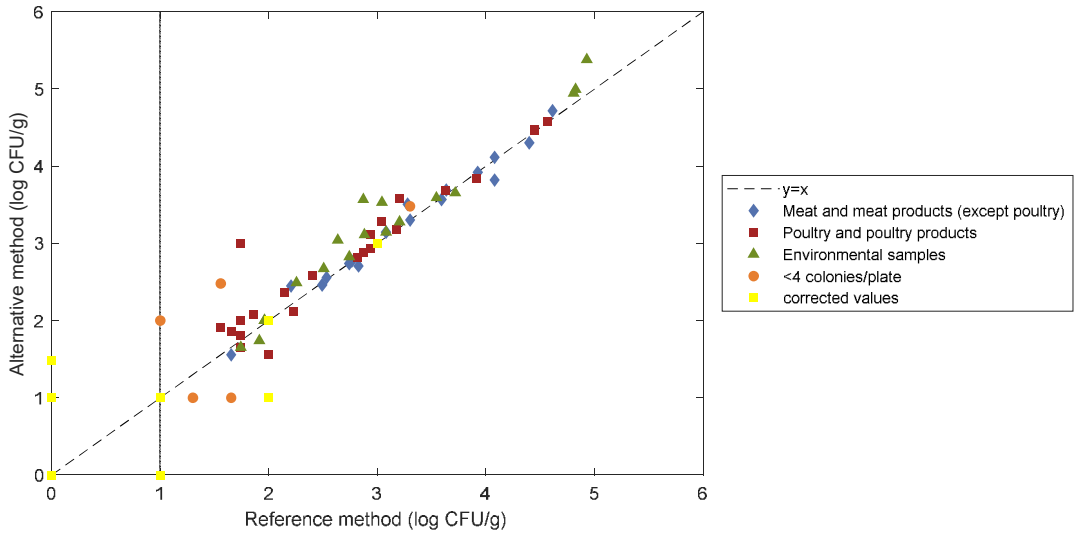
The data plotted for each individual category are given in **Appendix 5** and for all the products Figure 2.

Figure 2 - Data plotted for all the products

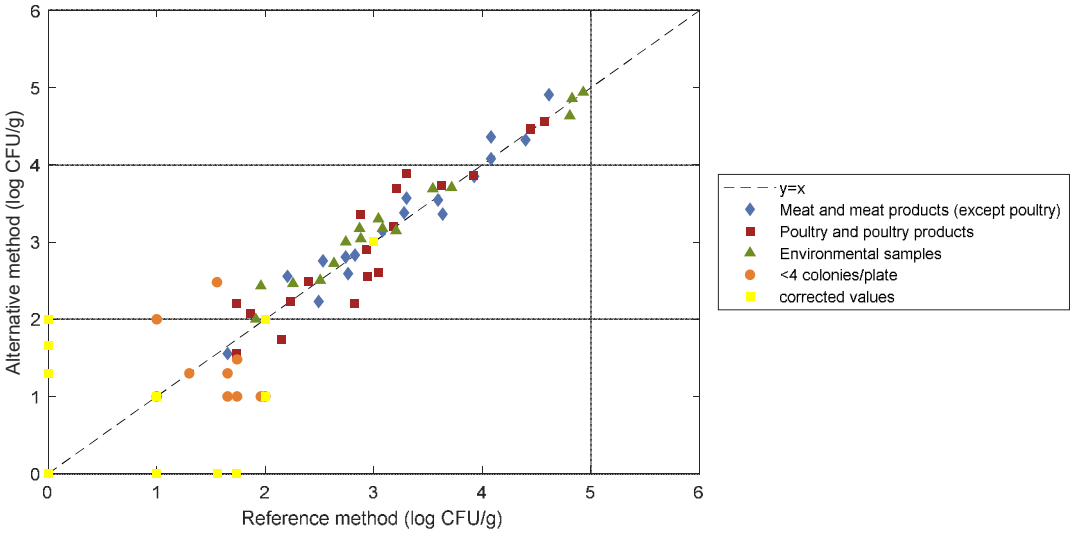
PSD – ISO or simplified confirmation protocol



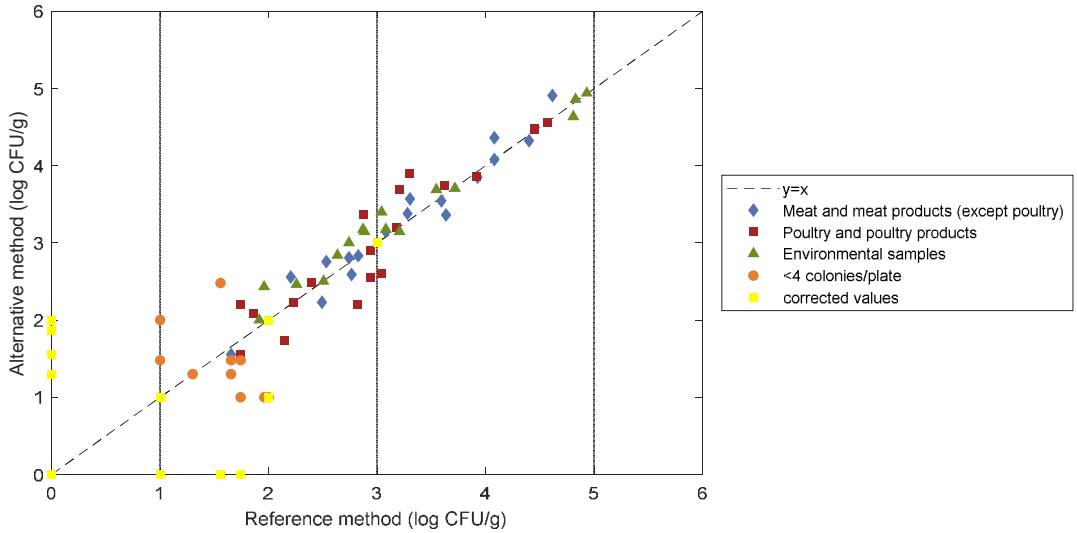
PSD – VIDAS CAM confirmation protocol



CFB - ISO or simplified confirmation protocol



CFB – VIDAS CAM confirmation protocol



The values obtained for the alternative method are closed to the line y=x whatever the diluent and confirmation protocol used. However, the dispersion seems a little bit higher using the CFB broth. This could be easily explained by the fact that in case of using CFB different initial suspensions were prepared (unpaired study design).
The calculated values for Average difference and Standard deviation differences per category are provided in Table 4.

Table 4 - Calculated values

	Category	n	Average difference $\bar{D}$	Standard deviation of differences	95% lower limit	95% upper limit
PSD with ISO confirmation	1	17	0.01	0.12	-0.25	0.27
	2	23	0.11	0.30	-0.52	0.74
	3	18	0.10	0.21	-0.36	0.56
	All categories	**58**	**0.08**	**0.23**	**-0.39**	**0.55**
PSD with VIDAS confirmation	1	17	0.01	0.12	-0.25	0.27
	2	23	0.13	0.30	-0.52	0.77
	3	18	0.17	0.22	-0.31	0.65
	All categories	**58**	**0.11**	**0.24**	**-0.38**	**0.60**
CFB with ISO confirmation	1	17	0.04	0.19	-0.38	0.46
	2	19	0.02	0.34	-0.70	0.74
	3	16	0.12	0.16	-0.23	0.47
	All categories	**52**	**0.06**	**0.25**	**-0.44**	**0.56**
CFB with VIDAS confirmation	1	17	0.04	0.19	-0.38	0.46
	2	19	0.02	0.34	-0.70	0.74
	3	16	0.14	0.17	-0.24	0.51
	All categories	**52**	**0.06**	**0.25**	**-0.44**	**0.57**

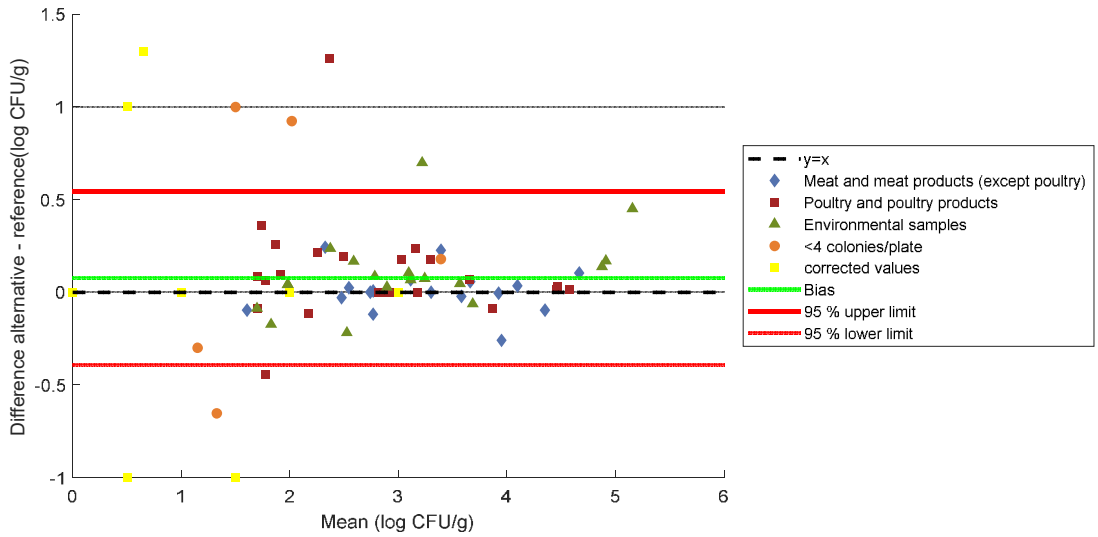
The average differences calculated for the different tested protocols are close to 0.00 and are similar between both broths and with the confirmation protocols. The values vary from 0.06 log (CFB) to 0.11 log (PSD).
The LCL (lower confidence limit) varies from -0.44 to -0.38 and the UCL (upper confidence limit) from 0.55 to 0.60 log.

The Bland-Altman difference plot for each category is given in **Appendix 6** and for all the samples **Figure 3**.

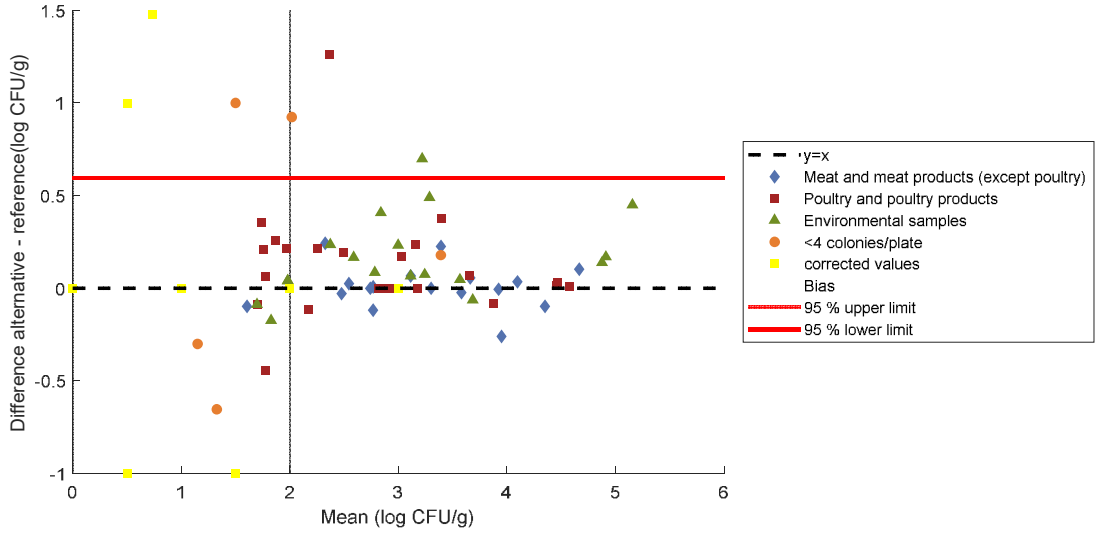
As part of the ISO 16140-2:2016 analysis, Bland Altman plots are generated to establish possible bias in the counts obtained by the alternative method when compared to the reference method. The ISO16140-2/A1:2024 standard integrates a change in the formula used to calculate the critical limits applied to the Bland Altman plots (formula 15). However, as described in the document “Correction of error in Formula 15 of Amd1:2024 of ISO 16140-2:2016” published by the ISO/TC34/SC9/WG3, this formula is not applicable, and the previous formula must be used. Therefore, in this report the conclusions are drawn from the Bland Altman plots generated using the previous formula 15.

Figure 3 – Bland-Altman difference plot for all the samples

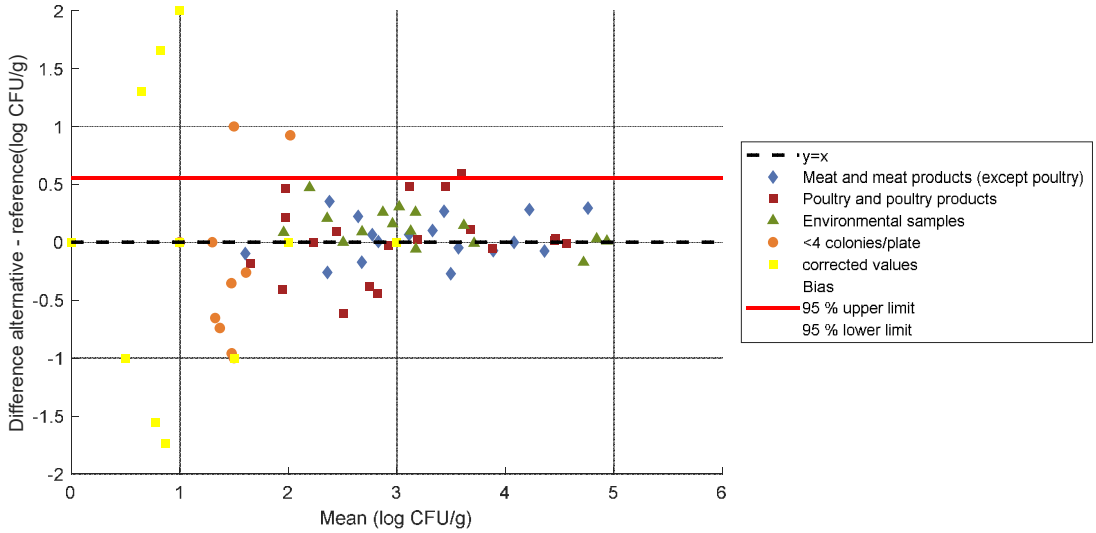
PSD – ISO or simplified confirmation protocol



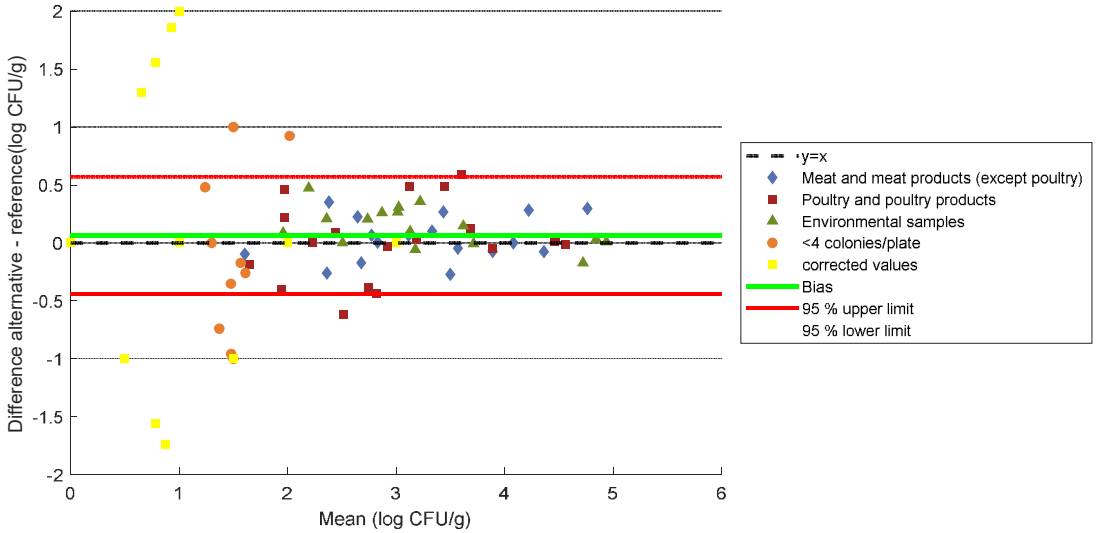
PSD – VIDAS CAM confirmation protocol



CFB - ISO or simplified confirmation protocol



CFB – VIDAS CAM confirmation protocol



Samples for which the difference between the result observed with the reference and the alternative methods is above or lower than the limits are listed in Table 5.

Table 5 - Analysis of the data out of the confidence limits

Values in green: differences in favour of the alternative method
Values in red: differences in favour of the reference method
Values in black: equivalent enumeration observed with both methods

PSD – ISO or simplified										
Classification of the data	Category	Type	N° Sample	Product	Reference method	Alternative method	Values before correction (Reference or/and alternative method)	Mean	Difference	LCL/UCL
Interpretable by both methods	2	a	563	Turkey leg without skin	1.74	3.00	/	2.37	1.26	
	2	a	985	Chicken drumsticks	2.00	1.56	/	1.78	-0.44	
	3	a	8641	Waste (Poultry livers)	2.87	3.57	/	3.22	0.70	
< 4 CFU/plate	2	a	708	Chicken drumstick (MAP)	1.65	1.00	/	1.33	-0.65	
	2	b	1419	Poultry neck skin	1.56	2.48	/	2.02	0.92	
	3	a	8647	Waste (Poultry head)	1.00	2.00	/	1.50	1.00	
< or > limit of quantification	1	a	1411	Ground beef	1.00	0.00	1.00	0.50	-1.00	-0.39/ 0.55
	2	a	707	White chicken leg (MAP)	1.00	0.00	1.00	0.50	-1.00	
	2	a	984	Chicken wings	0.00	1.30	1.00	0.65	1.30	
	2	a	997	Quail	0.00	1.00	1.00 / 2.00	0.50	1.00	
	2	b	1061	Chicken carcass	0.00	1.00	1.00	0.50	1.00	
	3	b	1402	Frozen Guinea-fowl liver	0.00	1.00	1.00	0.50	1.00	
	3	b	1438	Pork slaughter-house environmental sample(wipe)	2.00	1.00	3.00 / 2.00	1.50	-1.00	

PSD – VIDAS CAM										
Classification of the data	**Category**	**Type**	**N° Sample**	**Product**	**Reference method**	**Alternative method**	**Values before correction (Reference or/and alternative method)**	**Mean**	**Difference**	**LCL/UCL**
Interpretable by both methods	2	a	563	Turkey leg without skin	1.74	3.00	/	2.37	1.26	
	2	a	985	Chicken drumsticks	2.00	1.56	/	1.78	-0.44	
	3	a	8641	Waste (Poultry livers)	2.87	3.57	/	3.22	0.70	
< 4 CFU/plate	2	a	708	Chicken drumstick (MAP)	1.65	1.00	/	1.33	-0.65	
	2	b	1419	Poultry neck skin	1.56	2.48	/	2.02	0.92	
	3	a	8647	Waste (Poultry head)	1.00	2.00	/	1.50	1.00	
< or > limit of quantification	1	a	1411	Ground beef	1.00	0.00	1.00	0.50	-1.00	
	2	a	707	White chicken leg (MAP)	1.00	0.00	1.00	0.50	-1.00	
	2	a	984	Chicken wings	0.00	1.48	1.00	0.74	1.48	
	2	a	997	Quail	0.00	1.00	1.00 / 2.00	0.50	1.00	
	2	b	1061	Chicken carcass	0.00	1.00	1.00	0.50	1.00	
	3	b	1272	Environmental sample (feathery) N°1	2.00	1.00	3.00 / 2.00	1.50	-1.00	-0.38/ 0.60
	3	b	1273	Environmental sample (feathery) N°2	2.00	1.00	3.00 / 2.00	1.50	-1.00	
	3	b	1274	Environmental sample (feathery) N°4	2.00	1.00	3.00 / 2.00	1.50	-1.00	
	3	b	1275	Environmental sample (feathery) N°3	2.00	1.00	3.00 / 2.00	1.50	-1.00	
	3	b	1438	Pork slaughter-house environmental sample (wipe)	2.00	1.00	3.00 / 2.00	1.50	-1.00	
	3	c	1276	Environmental sample (feathery) N°4	2.00	1.00	3.00 / 2.00	1.50	-1.00	
	3	c	1301	Environmental sample (feathery) N°2	2.00	1.00	3.00 / 2.00	1.50	-1.00	

CFB – ISO or simplified										
Classification of the data	**Category**	**Type**	**N° Sample**	**Product**	**Reference method**	**Alternative method**	**Values before correction (Reference or/and alternative method)**	**Mean**	**Difference**	**LCL/UCL**
Interpretable by both methods	2	a	562	Chicken wings without skin	2.82	2.20	/	2.51	-0.62	
	2	b	1422	Poultry neck skin	3.30	3.89	/	3.60	0.59	
< 4 CFU/plate	2	a	564	Chicken pieces with skin	1.74	1.00	/	1.37	-0.74	
	2	a	708	Chicken drumstick (MAP)	1.65	1.00	/	1.33	-0.65	
	2	a	985	Chicken drumsticks	2.00	1.00	/	1.50	-1.00	
	2	b	1419	Poultry neck skin	1.56	2.48	/	2.02	0.92	
	3	a	8644	Waste (Poultry skin and leg)	1.96	1.00	/	1.48	-0.96	
	3	a	8647	Waste (Poultry head)	1.00	2.00	/	1.50	1.00	-0.44/ 0.56
< or > limit of quantification	1	a	1411	Ground beef	1.00	0.00	1.00	0.50	-1.00	
	2	a	563	Turkey leg without skin	1.74	0.00	1.00	0.87	-1.74	
	2	a	984	Chicken wings	0.00	1.65	1.00	0.83	1.65	
	2	a	997	Quail	0.00	2.00	1.00 / 3.00	1.00	2.00	
	2	b	1061	Chicken carcass	0.00	1.30	1.00	0.65	1.30	
	2	b	1417	Poultry neck skin	1.56	0.00	1.00	0.78	-1.56	
	2	b	1418	Poultry neck skin	0.00	1.30	1.00	0.65	1.30	
	3	b	1438	Pork slaughter-house environmental sample (wipe)	2.00	1.00	3.00 / 2.00	1.50	-1.00	

CFB - VIDAS CAM										
Classification of the data	**Category**	**Type**	**N° Sample**	**Product**	**Reference method**	**Alternative method**	**Values before correction (Reference or/and alternative method)**	**Mean**	**Difference**	**LCL/UCL**
Interpretable by both methods	2	a	562	Chicken wings without skin	2.82	2.20	/	2.51	-0.62	
	2	b	1422	Poultry neck skin	3.30	3.89	/	3.60	0.59	
< 4 CFU/plate	2	a	564	Chicken pieces with skin	1.74	1.00	/	1.37	-0.74	
	2	a	985	Chicken drumsticks	2.00	1.00	/	1.50	-1.00	
	2	b	1419	Poultry neck skin	1.56	2.48	/	2.02	0.92	
	3	a	8644	Waste (Poultry skin and leg)	1.96	1.00	/	1.48	-0.96	
	3	a	8647	Waste (Poultry head)	1.00	2.00	/	1.50	1.00	
< or > limit of quantification	1	a	1411	Ground beef	1.00	0.00	1.00	0.50	-1.00	
	2	a	563	Turkey leg without skin	1.74	0.00	1.00	0.87	-1.74	
	2	a	984	Chicken wings	0.00	1.86	1.00	0.93	1.86	
	2	a	997	Quail	0.00	2.00	1.00 / 3.00	1.00	2.00	
	2	b	1061	Chicken carcass	0.00	1.30	1.00	0.65	1.30	
	2	b	1417	Poultry neck skin	1.56	0.00	1.00	0.78	-1.56	
	2	b	1418	Poultry neck skin	0.00	1.56	1.00	0.78	1.56	-0.44/ 0.57
	3	b	1272	Environmental sample (feathery)N°1	2.00	1.00	3.00 / 2.00	1.50	-1.00	
	3	b	1273	Environmental sample (feathery) N°2	2.00	1.00	3.00 / 2.00	1.50	-1.00	
	3	b	1274	Environmental sample (feathery) N°4	2.00	1.00	3.00 / 2.00	1.50	-1.00	
	3	b	1275	Environmental sample (feathery) N°3	2.00	1.00	3.00 / 2.00	1.50	-1.00	
	3	b	1438	Pork slaughter-house environmental sample (wipe)	2.00	1.00	3.00 / 2.00	1.50	-1.00	
	3	c	1276	Environmental sample (feathery) N°4	2.00	1.00	3.00 / 2.00	1.50	-1.00	
	3	c	1301	Environmental sample (feathery) N°2	2.00	1.00	3.00 / 2.00	1.50	-1.00	

3.3.5 Discordant results

The samples with discrepant results are classified in three categories (See Table 6).

Table 6 - Classification of the samples

		Number of samples With ISO or simplified		Number of samples With VIDAS CAM	
		PSD	CFB	PSD	CFB
Interpretable results by both methods	< LCL	1	1	1	1
	> UCL	2	1	2	1
	Total	3	2	3	2
<4 CFU/plate	< LCL	1	4	1	3
	> UCL	2	2	2	2
	Total	3	6	3	5
< or > the quantification limit	< LCL	3	4	9	10
	> UCL	4	4	3	4
	Total	7	8	12	14
Total < LCL		5	9	11	14
Total >UCL		8	7	7	7
TOTAL		13	16	18	21

Only 2 to 3 samples inside the interpretation range are outside the 95% confidence interval with only one difference between the broths and identical results between the confirmation methods used. Deviations are found below the LCL and above the UCL at a similar level.

The main difference is found for samples outside the quantification limit and concerns one series of environmental samples with VIDAS CAM with results below the LCL. A high level of background flora was observed on the plates under all conditions, leading to colonies that could not be confirmed for the reference and alternative method, irrespective of the confirmation procedure applied. The observed difference in enumeration is therefore not indicative of a difference in method performance but rather reflects differences in the implementation of the confirmation step (performed at different dilution levels).

3.3.6 Conclusion

The relative trueness of the alternative method is satisfying; the alternative method and the reference method are considered equivalent whatever the diluents used and the confirmatory protocol applied.

3.4 Accuracy profile study

The accuracy profile is a graphical representation of the capacity of measurement of the quantitative method, obtained by combining acceptability intervals and β-expectation tolerance intervals, both reported to different levels of the reference value.

The accuracy profile study is a comparative study between the results obtained by the reference method and the results of the alternative method. According to ISO 16140-2:2016, this study was conducted using artificially contaminated samples. One type per category was tested with 1 item per type and 2 batches per item.

A minimum of one type per category, and therefore 2 different batches, is selected, using 6 samples per type. 2 samples are contaminated at a low level, 2 at intermediate level, 2 at a high level. For each sample, 5 replicates (5 different test portions) are tested.

For the renewal in 2026, all the data were re-analysed according to ISO 7218:2024 interpretation rules (modifications are highlighted in pink in the raw data).

3.4.1 Matrices

Three matrices were tested with three contamination levels and five test portions per level. The tested categories, types, matrices and inoculated strains are provided in Table 7

Table 7 - Categories, types, items, strains and inoculation levels for accuracy profile study

Category	Type	Item	Inoculated strain	Origin	Batch	Inoculation level
Poultry products	Processed meat product	Duck pâté	*Campylobacter jejuni* Ad1015	Chicken meat	1	Level 1 ×5: 100 CFU/g
						Level 2 ×5: 1000 CFU/g
						Level 3 ×5: 10 000 CFU/g
					2	Level 1 ×5: 100 CFU/g
						Level 2 ×5: 1000 CFU/g
						Level 3 ×5: 10 000 CFU/g
Meat products	Meat products	Raw pork meat	*Campylobacter coli* Ad1972	Pork meat	1	Level 1 ×5: 100 CFU/g
						Level 2 ×5: 1000 CFU/g
						Level 3 ×5: 10 000 CFU/g
					2	Level 1 ×5: 100 CFU/g
						Level 2 ×5: 1000 CFU/g
						Level 3 ×5: 10 000 CFU/g
Environmental samples	Water used in manufacturing process	Process water	*Campylobacter jejuni* Ad1000	Poultry	1	Level 1 ×5: 100 CFU/g
						Level 2 ×5: 1000 CFU/g
						Level 3 ×5: 10 000 CFU/g
					2	Level 1 ×5: 100 CFU/g
						Level 2 ×5: 1000 CFU/g
						Level 3 ×5: 10 000 CFU/g

Samples were individually inoculated with a different *Campylobacter* strain. The inoculum was prepared by proceeding to a culture (microbead) in Brucella broth incubated for 48 h in microaerobic conditions at 41.5°C. A subculture was run in the same broth for 48 h at 41.5°C.
The culture was diluted in PSD in order to inoculate the target inoculation level in the matrix. The samples were analysed by both methods just after inoculation.
No confirmation procedure was applied after reading.

3.4.1 Calculation and interpretation

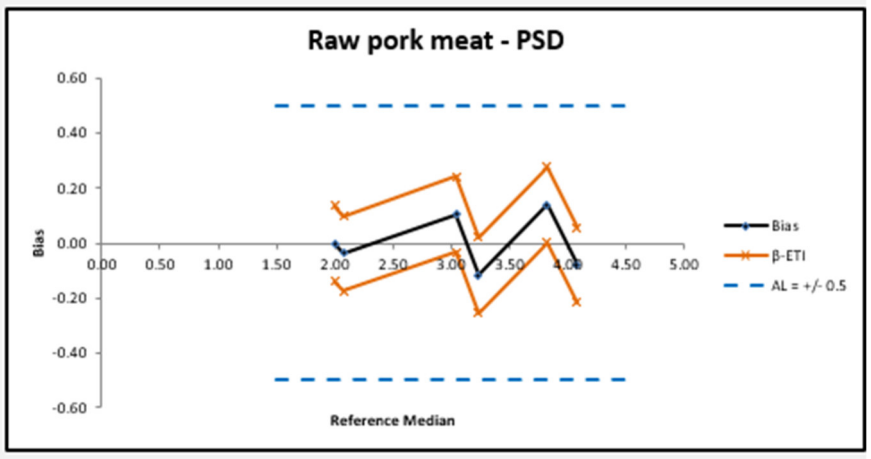
The raw data are provided in **Appendix 7**. The summarized results are provided in **Appendix 8**. The statistical results and the accuracy profiles are provided Figure 4.

The calculations were done using the AP Calculation Tool MCS (Clause 6-1-3-3 calculation and interpretation of accuracy profile study) ver 31.07.2018 available on http://standards.iso.org/iso/16140

Figure 4 – Accuracy profile

PSD

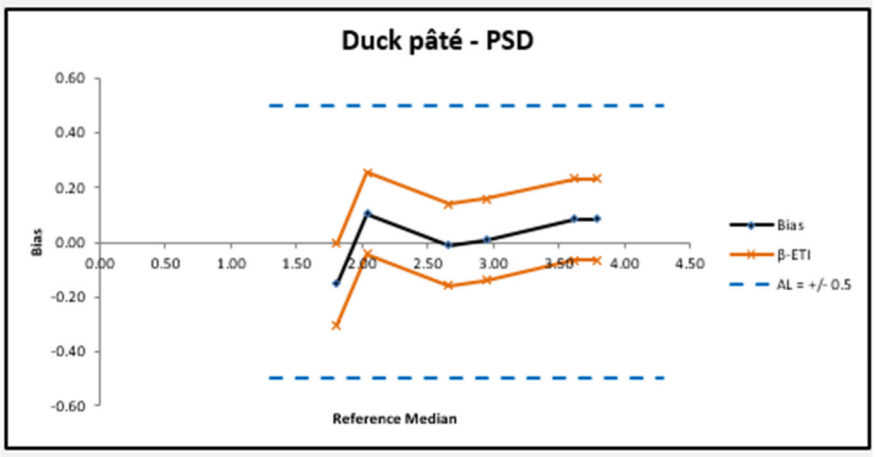
(Food) Category	Category 1
(Food) Type	Raw pork meat - PSD



Sample Name	Reference central value	Bias	Lower β-ETI	Upper β-ETI	β-ETI compared to AL=±0.5 Acceptable	β-ETI compared to final AL Acceptable
8899-8903	2.00	0.000	-0.137	0.137	YES	YES
8914-8918	2.08	-0.038	-0.175	0.099	YES	YES
8919-8923	3.04	0.105	-0.032	0.242	YES	YES
8904-8908	3.23	-0.117	-0.254	0.021	YES	YES
8924-8928	3.82	0.139	0.002	0.277	YES	YES
1508-1512	4.08	-0.079	-0.216	0.058	YES	YES

	Reference method	Alternative method	SD repeatability of reference method <= 0.125	Final AL
SD Repeatability	0.121	0.095	YES	+/- 0.500

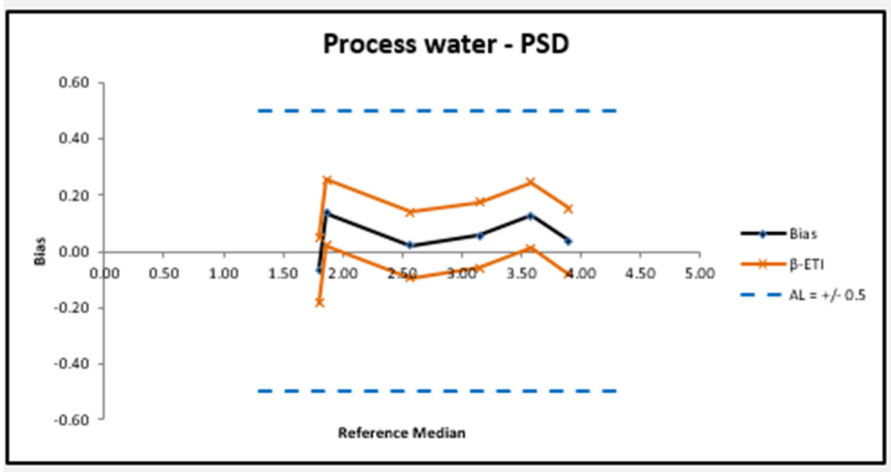
(Food) Category	Category 2
(Food) Type	Duck pâté - PSD



Sample Name	Reference Central value	Bias	Lower β-ETI	Upper β-ETI	β-ETI compared to AL=±0.5 Acceptable	β-ETI compared to final AL Acceptable
9338-9342	1.81	-0.153	-0.302	-0.004	YES	YES
9313-9317	2.04	0.105	-0.044	0.253	YES	YES
9343-9347	2.66	-0.010	-0.158	0.139	YES	YES
9318-9322	2.94	0.010	-0.139	0.158	YES	YES
9348-9352	3.62	0.084	-0.064	0.233	YES	YES
9323-9327	3.79	0.084	-0.065	0.233	YES	YES

	Reference method	Alternative method	SD repeatability of reference method <= 0.125	Final AL
SD Repeatability	0.089	0.103	YES	+/- 0.500

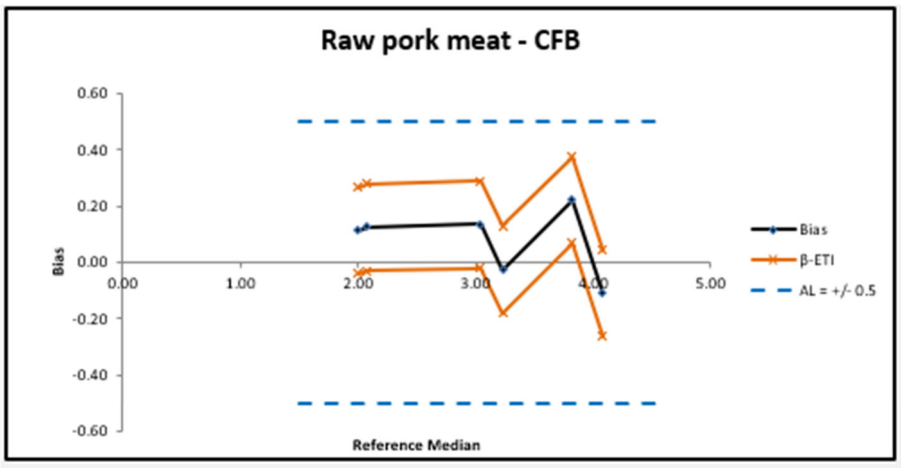
(Food) Category	Category 3
(Food) Type	Process water - PSD



Sample Name	Reference Central value	Bias	Lower β-ETI	Upper β-ETI	β-ETI compared to AL=±0.5 Acceptable	β-ETI compared to final AL Acceptable
1513-1517	1.81	-0.066	-0.183	0.051	YES	YES
1523-1527	1.86	0.137	0.020	0.254	YES	YES
1754-1758	2.57	0.023	-0.094	0.140	YES	YES
1518-1522	3.15	0.058	-0.059	0.175	YES	YES
1273-1277	3.58	0.128	0.011	0.245	YES	YES
1533-1537	3.90	0.037	-0.080	0.154	YES	YES

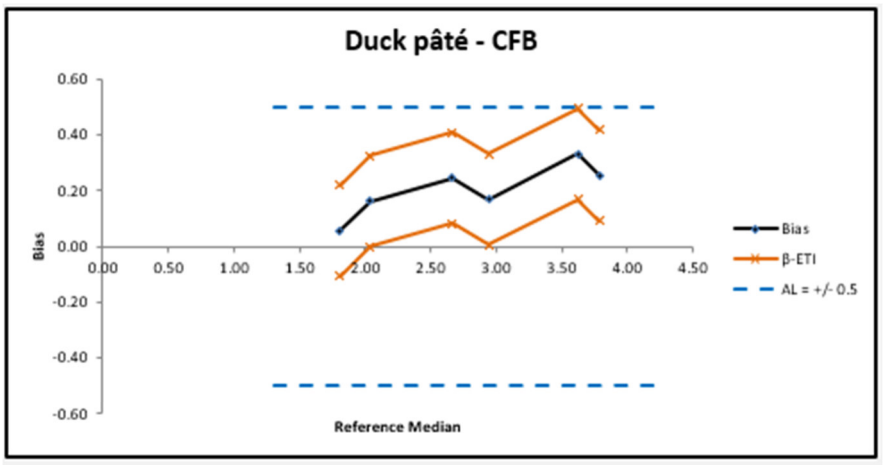
	Reference method	Alternative method	SD repeatability of reference method <= 0.125	Final AL
SD Repeatability	0.095	0.081	YES	+/- 0.500

CFB



Sample Name	Reference Central value	Bias	Lower β-ETI	Upper β-ETI	β-ETI compared to AL=±0.5 Acceptable	β-ETI compared to final AL Acceptable
8899-8903	2.00	0.114	-0.041	0.268	YES	YES
8914-8918	2.08	0.125	-0.030	0.279	YES	YES
8919-8923	3.04	0.135	-0.020	0.289	YES	YES
8904-8908	3.23	-0.026	-0.181	0.128	YES	YES
8924-8928	3.82	0.222	0.067	0.376	YES	YES
1508-1512	4.08	-0.111	-0.265	0.044	YES	YES

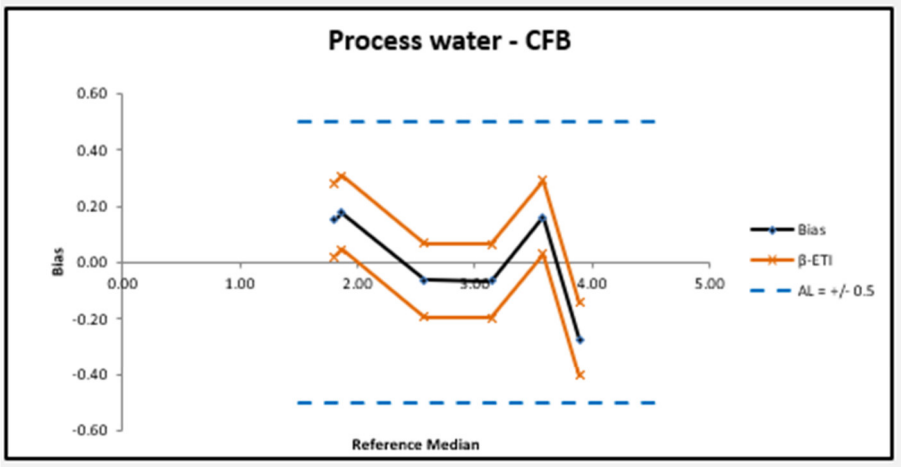
	Reference method	Alternative method	SD repeatability of reference method <= 0.125	Final AL
SD Repeatability	0.121	0.107	YES	+/- 0.500



Sample Name	Reference Central value	Bias	Lower β-ETI	Upper β-ETI	β-ETI compared to AL=±0.5 Acceptable	β-ETI compared to final AL Acceptable
9338-9342	1.81	0.057	-0.106	0.220	YES	YES
9313-9317	2.04	0.163	0.000	0.326	YES	YES
9343-9347	2.66	0.246	0.083	0.409	YES	YES
9318-9322	2.94	0.169	0.006	0.333	YES	YES
9348-9352	3.62	0.331	0.168	0.494	YES	YES
9323-9327	3.79	0.256	0.093	0.419	YES	YES

	Reference method	Alternative method	SD repeatability of reference method <= 0.125	Final AL
SD Repeatability	0.089	0.113	YES	+/- 0.500

(Food) Category	Category 3
(Food) Type	Process water - CFB



Sample Name	Reference Central value	Bias	Lower β-ETI	Upper β-ETI	β-ETI compared to AL=±0.5 Acceptable	β-ETI compared to final AL Acceptable
1513-1517	1.81	0.153	0.021	0.284	YES	YES
1523-1527	1.86	0.178	0.047	0.309	YES	YES
1754-1758	2.57	-0.063	-0.194	0.068	YES	YES
1518-1522	3.15	-0.067	-0.198	0.064	YES	YES
1273-1277	3.58	0.161	0.029	0.292	YES	YES
1533-1537	3.90	-0.274	-0.406	-0.143	YES	YES

	Reference method	Alternative method	SD repeatability of reference method <= 0.125	Final AL
SD Repeatability	0.095	0.091	YES	+/- 0.500

3.4.2 Conclusion

The observed profiles are comprised within the Acceptability Limit (AL) fixed at ± 0.5 log for both diluents (PSD and CFB). All the accuracy profiles fulfil the performance criteria defined in the ISO 16140-2.

3.5 Inclusivity and exclusivity study

The inclusivity study is a study involving pure target strains to be detected or enumerated by the alternative method. The exclusivity study is a study involving pure non-target strains, which can be potentially cross-reactive, but are not expected to be detected or enumerated by the alternative method.

3.5.1 Protocol

> **Inclusivity**

In 2010, for the initial validation study, 41 target strains were tested. After growth in appropriate conditions in Brucella broth, decimal dilutions were realized and enumerated in duplicate by CampyFood method and ISO 10272-2 standard. Dilutions were enumerated in parallel with a non-selective agar (CBA).

For the renewal study run in 2018, nine additional strains were tested in order to have the 50 strains required. The enumerations were performed once on the three plates (CFA, mCCDA and CBA) with inoculation levels resulting in a countable number of CFU on the plates.

> **Exclusivity**

For the initial validation study, 28 non-target strains were tested. After growth in appropriate conditions, decimal dilutions were realized and enumerated in duplicate by CampyFood method and ISO/TS 10272-2 standard. Dilutions were enumerated in parallel with a non-selective agar (CBA).

For the renewal study, 2 additional strains were tested in order to have the 30 strains required. The enumerations were performed once by both methods with inoculation levels resulting in a countable number of CFU on the plates.

3.5.2 Results

The raw data are provided in **Appendix 9**.

Inclusivity

50 strains were tested. All the targeted strains belonging to the *C. coli, C. jejuni* and *C. lari* species showed characteristic colonies on CFA and mCCDA. Note that CFA recovery level was often higher than mCCDA recovery one.

All the colonies were confirmed with the VIDAS CAM test, except in one case for *Campylobacter lari* CIP 102722. For information, the nine strains tested for the renewal study gave positive latex tests.
The four C*ampylobacter upsaliensis* strains tested neither grew on CFA, nor on mCCDA.

Exclusivity

Among the 30 tested strains, three gave characteristic or doubtful colonies on CFA:

- *Arcobacter butzleri* Ad1126
- *Arcobacter butzleri* Ad1881,
- *Ralstonia mannitolityca* Ad1059.

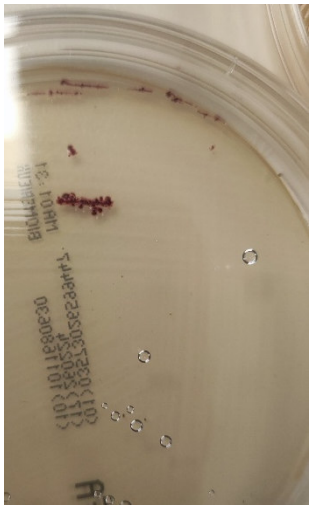
For this last strain, characteristic colonies were also observed on mCCDA plates.

The three strains gave a negative VIDAS CAM result.

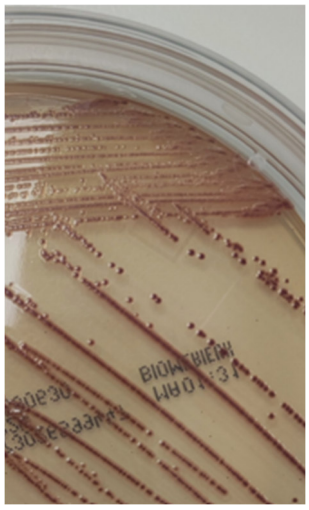
For the renewal in 2026, these 3 strains were tested again (See Figure 5). For one strain (*Ralstonia mannitolityca* Ad1059), the colonies appear deep-red (burgundy). However for the strain *Arcobacter butzleri* Ad1126 and especially *Arcobacter butzleri* Ad1881, the colonies are very small and could be interpreted as not being typical colonies.

Figure 5 - Photo of exclusivity strains which were considered typical onto CampyFood Agar during the initial validation

Arcobacter butzleri Ad1126



Arcobacter butzleri Ad1881



Ralstonia mannitolityca Ad1059

The alternative method shows satisfying inclusivity and exclusivity performances for the tested strains.

3.6 Inclusivity and exclusivity study for colony confirmation

3.6.3 Protocol

> **Extension study for *Campylobacter* latex test (ADRIA 2014)**

152 strains were grown in CFB for 48 h ± 4 h at 41,5°C before streaking on CBA and CFA. The plates were then incubated for 40-48 h at 41.5°C. After incubation, an isolated colony was tested with the latex test according to the manufacturer instructions. The same protocol was applied for the 101 non-target strains, except that the culture was performed in BHI.

> **Extension study for VITEK MS (ADRIA 2016)**

150 target strains and 100 non-target strains (1 colony and 1 spot/strain) were tested after isolation from CFB (target strains) or BHI (non-target strains) on Columbia blood agar and CFA (incubation at 41.5 °C during 40 h - 48 h).

3.6.4 Results

> **Extension study for Campylobacter latex test (ADRIA 2014)**

The raw data are provided in **Appendix 10**.

The results were the following:

- Inclusivity:
  - Latex tests realised on colonies isolated on Columbia blood agar (CBA): All the target strains gave a positive latex test. For twelve strains, it was necessary to test a pool of 2 or 3 colonies to obtain a posistive latex test.
  - Latex tests realised on colonies isolated on CFA: Five *Campylobacter upsaliensis* were not able to grow on CFA plates. For 9 strains, it was necessary to test a pool of 2 or 3 colonies to have a positive latex test.

- Exclusivity: Two strains gave a positive or doudtful latex test (*Aeromonas hydrophila* CIP7330 and *Chrysobacterium ureilyticum* Ad340) when tested from CBA. Twenty strains were able to grow on Campyfood agar; 11 of them gave doudtful colonies and all gave a negative latex test.

> **Extension study for VITEK MS. (ADRIA 2016)**

The raw data are provided in **Appendix 11**.

One hundred and fifty strains were tested; one colony and one spot were tested per strain. All the strains gave typical colonies on CampyFood Agar (CFA) plates and all were confirmed as *Campylobacter* spp. with the VITEK MS, except in one case (strain No 51: *Campylobacter coli* Ad1939). A summary of the results is given in Table 8.

Table 8 - Summary of the results obtained for inclusivity

	CFA	CBA
Number of strains tested	150	150
Number of strains confirmed as *Campylobacter* spp.	149	150
Number of strains with no confirmation	1 (*Campylobacter coli* Ad1939)	0

None of the 100 tested non-target strains were confirmed as *Campylobacter* with the VITEK MS.

For 13 strains, the VITEK MS didn't give a result. Eight of them were not present in the database (genus); 3 other strains were not present at all (species). For two strains, there was no explanation for this "no result" but most importantly these strains were not confirmed as *Campylobacter* spp.

A summary of the results is given in Table 9.

Table 9 - Summary of the results obtained for exclusivity

	CFA	CBA
Number of strains tested	100	100
Number of strains which did not grow on the plate	78	0
Number of characteristic strains on the plate	22	/
Number of strains with no result	0	13
Number of strains confirmed as *Campylobacter* spp.	**0**	**0**

The technology is here dedicated to *Campylobacter* spp confirmation. Strains identification is of course related to the extension and the robustness of the database and is not the purpose of the study. All the negative strains were either not able to grow on the tested agars, or not confirmed as *Campylobacter* spp with the VITEK® MS.

> **Extension study for VITEK MS PRIME (bioMérieux 2022)**

Three studies were performed to demonstrate the equivalence between the VITEK® MS and VITEK® MS PRIME. In the first study 477 claimed species (one strain per species tested in triplicate) were tested including some critical pathogens from all microorganism groups. The second study was a clinical trial study where three sites tested 100 species (5 strains per species). Lastly, a specific study for *Camplylobacter* was performed where 20 target strains and 8 non-target strains were evaluated. Results of the study demonstrated equivalence between the VITEK® MS and VITEK® MS Prime.

3.7 Limit of quantification (LOQ)

The limit of Quantification (LOQ) is the lowest analyte concentration that can be quantified with an acceptable level of precision and trueness under the conditions of the test.

The LOQ applies only to instrumental methods. It does not apply to methods based on counting visible colonies as the alternative method is based on visible colonies. The LOQ does not have to be calculated for the alternative method in this study.

4 INTER-LABORATORY STUDY

The inter-laboratory study is a study performed by multiple laboratories testing identical samples at the same time, the results of which are used to estimate alternative-method performance parameters.

The results of the inter-laboratory study run in 2009 were interpreted according to the ISO 7218 (2024) and the ISO 16140-2:2016 standard using the Excel spread sheet available at http://standards.iso.org/iso/16140 (AP Calculation tool ILS (clause 6.2.3 Calculation summary and interpretations of data) ver 14.03.2016.

4.1 Study organisation

15 laboratories participated in this study. Raw poultry meat was inoculated by *Campylobacter jejuni* Ad 1000, isolated from turkey neck skin.

Inoculation levels, which were targeted, were:

- Level 0: <10 CFU/g,
- Level 1: 100 – 1 000 CFU/g,
- Level 2: 1 000 – 10 000 CFU/g,
- Level 3: 10 000 – 100 000 CFU/g.

Each laboratory received eight Stomacher bags of 10 g sample, i.e. two Stomacher bags per inoculation level. Furthermore, one non-inoculated sample was added to the package for total viable count microflora (ISO 4833 method).

The sample preparation and expedition were realised on November 16, 2009. Blind-coded samples were placed in isothermal boxes, which contained cooling blocks, and express-shipped to the different laboratories.

A temperature control flask containing a temperature probe was added to each package in order to register temperature profile during transport and at reception.

Samples were shipped in 24 h to all the laboratories, which were participating to this ring trial. Sample temperature should be lower or equal to 8°C during transport, and between 0°C - 8°C at arrival.

Interlaboratory study laboratories and the expert laboratory (laboratory P) performed the analyses with the alternative and reference methods.

4.2 Result analysis

Raw data are given in **Appendix 12**.

4.2.1 Results obtained by the expert Lab.

The results obtained by the expert Lab. are the following (See Table 10).

Table 10 – Results obtained by the expert Lab.

Level	Reference method ♦	Alternative method
L0	< 10 - < 10	< 10 - < 10
L1	560 -520	560 - 500
L2	4700 - 5100	2400 -3200
L3	43000 - 34000	39000 - 35000

4.2.2 Aerobic mesophilic flora enumeration

Depending on the lab results, the enumeration levels varied from 1 600 to 36 000 CFU/g.

4.2.3 Confirmations performed by collaborators

Collaborators performed confirmations of typical colonies of the alternative method by VIDAS CAM (collaborators A, B, C, D, E, H, J, K, L and N) or by the tests of the reference method (streaking on Colombia blood Agar) (collaborators F, G, H, I, K, M and O).

In this summary report for the renewal in2026, the confirmed colonies are given for information but were not considered for calculations; the confirmation tests are optional.

4.2.4 Results obtained by the collaborators

Samples were sent to 15 collaborators. A summary of the test results is given in Table 11 (CFU/g) and Table 12 (log_{10} CFU/g).

Table 11 - Summary of data (CFU/g)

CFU/g																
Collaborators	Level 0				Level 1				Level 2				Level 3			
	Reference method		Alternative method		Reference method		Alternative method		Reference method		Alternative method		Reference method		Alternative method	
A	<10	<10	<10	<10	680	630	550	530	4400	5500	4100	3000	54000	44000	44000	45000
B	<10	<10	<10	<10	220	4200	360	430	4700	28000	3300	3600	29000	29000	26000	45000
C	<10	<10	<10	<10	140	55	10*	30*	980	1300	580	610	6200	3000	1400	5000
D	<10	<10	<10	<10	640	360	300*	640	3600	7800	3900	8200	52000	53000	31000	50000
E	<10	<10	<10	<10	310	400	290	350	1200	2800	1200	3200	20000	39000	8200	42000
F	<10	<10	<10	<10	250	270	360	480	2000	3000	2800	1500	3100	13000	2300	14000
G	<10	<10	<10	<10	260	340	330	370	2900	3000	1500	3400	13000	13000	27000	12000
H	<10	<10	<10	<10	460	480	73	380	1200	1400	1100	1000	7100	7500	2500	7500
I	<10	<10	<10	<10	450	410	200	230	4800**	3300	2200	2000	11000	25000	9500	14000
J	<10	<10	<10	<10	360	270	250	260	3200	4400	3300	1800	52000	47000	41000	30000
K	<10	<10	<10	<10	350	390	270	240	2500	5100	1500	1100	48000	52000	9000	14000
L	<10	<10	<10	<10	480	670	620	550	8600	7800	7500	8600	65000	88000	80000	87000
M	<10	<10	<10	<10	520	660	430	500	4000	5000	4100**	2800	64000	26000	11000	10000
N	<10	<10	<10	<10	510	430	540	280	5000	2500	2400	3400	34000	35000	29000	15000
O	<10	<10	<10	<10	82	36	30*	20*	260	390	240	160	4400	5300	2100	1200

*: enumeration lower than 4 colonies per plate
**: enumeration higher than 150 CFU/plate

Table 12 - Summary of data (log_{10} CFU/g)

Log_{10} CFU/g																
Collaborators	Level 0				Level 1				Level 2				Level 3			
	Reference method		Alternative method		Reference method		Alternative method		Reference method		Alternative method		Reference method		Alternative method	
A	<1.00	<1.00	<1.00	<1.00	2.83	2.80	2.74	2.72	3.64	3.74	3.61	3.48	4.73	4.64	4.64	4.65
B	<1.00	<1.00	<1.00	<1.00	2.34	3.62	2.56	2.63	3.67	4.45	3.52	3.56	4.46	4.46	4.41	4.65
C	<1.00	<1.00	<1.00	<1.00	2.15	1.74	1.00*	1.48*	2.99	3.11	2.76	2.79	3.79	3.48	3.15	3.70
D	<1.00	<1.00	<1.00	<1.00	2.81	2.56	2.48*	2.81	3.56	3.89	3.59	3.91	4.72	4.72	4.49	4.70
E	<1.00	<1.00	<1.00	<1.00	2.49	2.60	2.46	2.54	3.08	3.45	3.08	3.51	4.30	4.59	3.91	4.62
F	<1.00	<1.00	<1.00	<1.00	2.40	2.43	2.56	2.68	3.30	3.45	3.45	3.18	3.49	4.11	3.36	4.15
G	<1.00	<1.00	<1.00	<1.00	2.41	2.53	2.52	2.57	3.46	3.48	3.18	3.53	4.11	4.11	4.43	4.08
H	<1.00	<1.00	<1.00	<1.00	2.66	2.68	1.86	2.58	3.08	3.48	3.04	3.00	3.85	3.88	3.40	3.88
I	<1.00	<1.00	<1.00	<1.00	2.65	2.61	2.30	2.36	3.68**	3.15	3.34	3.30	4.04	4.40	3.98	4.15
J	<1.00	<1.00	<1.00	<1.00	2.56	2.43	2.40	2.41	3.51	3.52	3.52	3.26	4.72	4.67	4.61	4.48
K	<1.00	<1.00	<1.00	<1.00	2.54	2.59	2.43	2.38	3.40	3.64	3.18	3.04	4.68	4.72	3.95	4.15
L	<1.00	<1.00	<1.00	<1.00	2.68	2.83	2.79	2.74	3.93	3.71	3.88	3.93	4.81	4.94	4.90	4.94
M	<1.00	<1.00	<1.00	<1.00	2.72	2.82	2.63	2.70	3.60	3.89	3.61**	3.45	4.81	4.41	4.04	4.00
N	<1.00	<1.00	<1.00	<1.00	2.71	2.63	2.73	2.45	3.70	3.70	3.38	3.53	4.53	4.54	4.46	4.18
O	<1.00	<1.00	<1.00	<1.00	1.91	1.56	1.48*	1.30*	2.41	3.40	2.38	2.20	3.64	3.72	3.32	3.08

*: enumeration lower than 4 colonies per plate
**: enumeration higher than 150 CFU/plate

For the initial validation study, two collaborators C and O were not taken into account for the final interpretation because they were obtained inconsistent data and enumeration lower than 4 CFU/plate for some samples.
In the interpretation for this renewal in 2026, 3 other collaborators have been removed from the final interpretation for the following justifications:

- Collaborator D: Enumeration lower than 4 CFU/plate for sample D5 with the alternative method.
- Collaborator I: Enumeration higher than 150 CFU/plate (481) for sample I1 with the reference method.
- Collaborator M: Enumeration higher than 150 CFU/plate (406) for sample M1 with the alternative method.

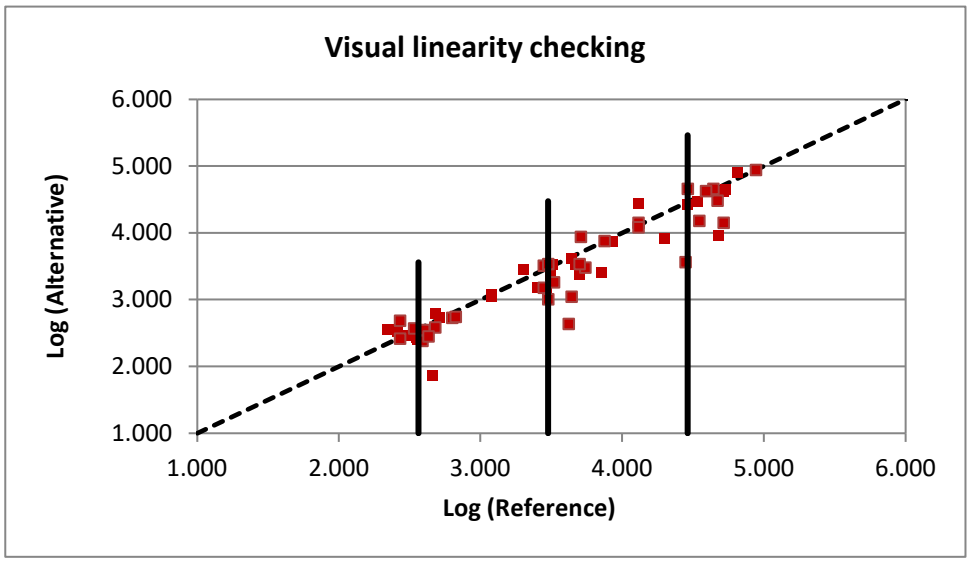
10 sets of data were considered for the final interpretation.

4.3 Calculation and interpretation

4.3.1 Visual linearity checking

Figure 6 shows the data points after $\log_{10}$ transformation. The visual inspection shows that the alternative method gives results, which are proportional to those of the reference method.

Figure 6 - Visual linearity checking



4.3.2 *Accuracy profile calculation*

Statistical calculations were done according to the Excel spreadsheet available on http://standards.iso.org/ISO/16140. A summary of the statistical test is provided in Table 13.

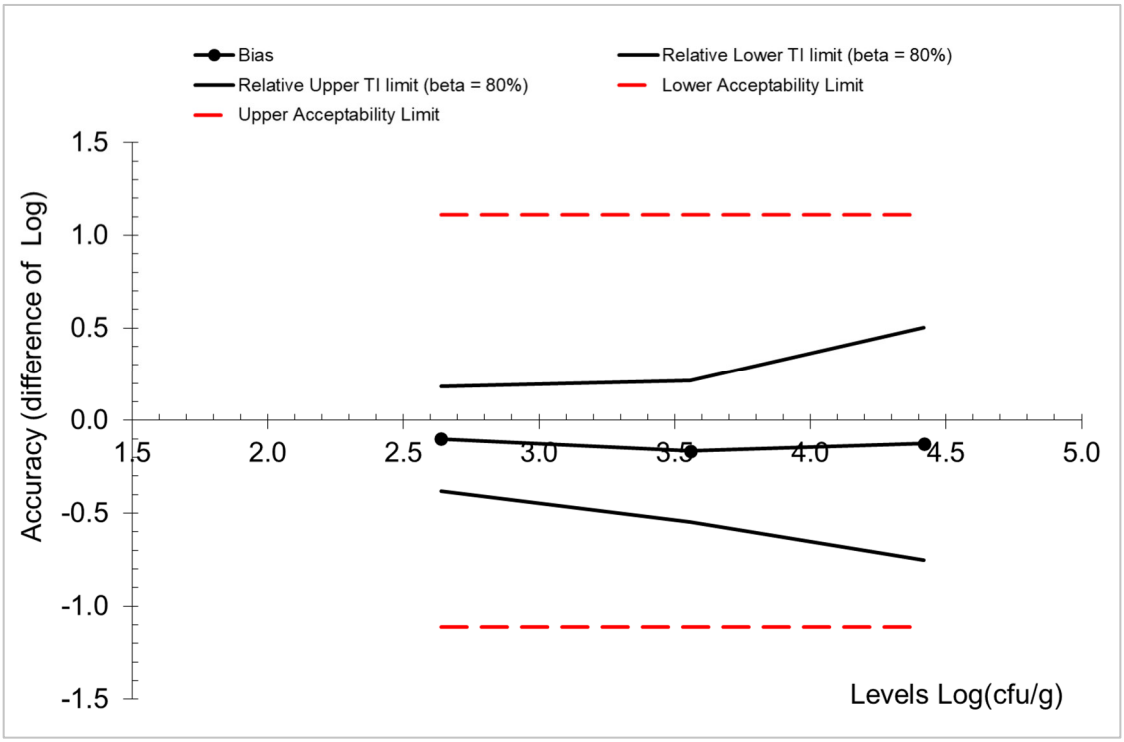
Table 13 - Summary of statistical tests

Accuracy profile	0.5					
Study Name	CampyFood Agar					
Date	2010 + reinterpretation 2026					
Coordinator	ADRIA					
Tolerance probability (beta)	80%	80%	80%			
Acceptability limit in log (lambda)	1.11	1.11	1.11			
	Alternative method			**Reference method**		
Levels	**Low**	**Medium**	**High**	**Low**	**Medium**	**High**
Target value	**2.639**	**3.558**	**4.419**			
Number of participants (K)	10	10	10	10	10	10
Average for alternative method	2.538	3.392	4.293	2.639	3.558	4.419
Repeatability standard deviation (sr)	0.178	0.161	0.289	0.293	0.222	0.158
Between-labs standard deviation (sL)	0.104	0.219	0.342	0.000	0.235	0.353
Reproducibility standard deviation (sR)	0.206	0.272	0.447	0.293	0.323	0.387
Corrected number of dof	17.367	12.711	13.513	18.947	14.214	10.636
Coverage factor	1.373	1.407	1.400			
Interpolated Student t	1.332	1.352	1.348			
Tolerance interval standard deviation	0.2120	0.2826	0.4647			
Lower TI limit	2.256	3.010	3.667			
Upper TI limit	2.821	3.774	4.919			
Bias	**-0.101**	**-0.166**	**-0.125**			
Relative Lower TI limit (beta = 80%)	**-0.383**	**-0.548**	**-0.751**			
Relative Upper TI limit (beta = 80%)	**0.182**	**0.216**	**0.501**			
Lower Acceptability Limit	**-1.11**	**-1.11**	**-1.11**			
Upper Acceptability Limit	**1.11**	**1.11**	**1.11**			
New acceptability limits may be based on reference method pooled variance						
Pooled repro standard dev of reference	0.337					

If the β.ETI values are outside the acceptability limits of ± 0.5 log, the pooled average reproducibility standard deviation of the reference method is calculated, and new acceptability limits are calculated as a function of this standard deviation: ALs = 3.3 sR ref. (3.3 x 0.337) = ± 1.11 log

These values are collected in a graphical representation together with the acceptability limits (AL). This representation is given Figure 7.

Figure 7 - Accuracy profile



It is observed that for all the levels, the tolerance interval limits of the alternative method are within the acceptable limits fixed at ± 1.11 log.

The alternative method is considered equivalent to the reference method.

5 CONCLUSION

The method comparison study conclusions are:

The observed data and interpretation confirm the performances of the alternative method:

- **104 samples were tested in the relative trueness study, providing 58 or 52 interpretable results by the reference and alternative methods respectively using PSD or CFB for the initial suspension preparation,** which clearly satisfied the required criteria for quantitative method comparison per ISO 16140-2.
- **The observed profiles are comprised within the AL actually set at ± 0.5 Log CFU/g in the ISO 16140-2.**
- **The inclusivity and exclusivity testing shows satisfying results.**

The **inter-laboratory study conclusions** are:

* The quality assurance parameters were verified (*i.e.* inoculation, targeted levels, strain stability, logistic conditions, analyses), confirming that the inter-laboratory study was conducted in appropriate conditions.
- **The data interpretations were done according to the ISO 16140-2**. For the three contamination levels, the alternative method is accepted as equivalent to the reference method.

Based on the results obtained for the method comparison study and the inter-laboratory study, the CampyFood Agar method is considered equivalent to the reference method.

Quimper, 17 February 2026

Astrid CARIOU
Manager
Method performance in food microbiology

I hereby attest to the validation of the verification of the conformity of the report (opinion and interpretation).

6 REFERENCES

– ISO 7218:2024; Microbiology of food and animal feeding stuffs -- General requirements and guidance for microbiological examinations.

– ISO 16140-1:2016 Microbiology of the food chain – Method validation. Part 1: Vocabulary. First Edition, 2016-06-15.

– ISO 16140-2:2016 Microbiology of the food chain – Method validation. Part 2: Protocol for the validation of alternative (proprietary) methods against a reference method. First Edition, 2016-06-15.

– ISO 16140-2:2016/Amd 1:2024 Microbiology of the food chain — Method validation — Part 2: Protocol for the validation of alternative (proprietary) methods against a reference method. Amendment 1: Revision of qualitative method comparison study data evaluation, relative level of detection calculations in the interlaboratory study, calculation and interpretation of the relative trueness study, and inclusion of a commercial sterility testing protocol for specific products

– ISO/TS 10272-2:2006 Microbiology of food and animal feeding stuffs – Horizontal method for detection and enumeration of *Campylobacter* spp. Part 2: Colony-count technique. First Edition, 2006-01.

– ISO 10272-2:2017 Microbiology of the food chain – Horizontal method for detection and enumeration of *Campylobacter* spp. Part 2: Colony-count technique. First Edition, 2017-06.

– ISO 6887-1:2017 Microbiology of the food chain – Preparation of test samples, initial suspension and decimal dilutions for microbiological examination. Part 1: General rules for the preparation of the initial suspension and decimal dilutions. Second Edition, 2017-03.

– ISO 6887-2:2017 Microbiology of the food chain – Preparation of test samples, initial suspension and decimal dilutions for microbiological examination. Part 2: Specific rules for the preparation of meat and meat products. Second Edition, 2017-03.

– ISO 18593:2004 Microbiology of food and animal feeding stuffs – Horizontal methods for sampling techniques from surfaces using contact plates and swabs. First Edition, 2004-06

– - 2016-028 (GC) Proposed MicroVal Technical committee interpretation of ISO 16140-2 and ISO

– - 2017-063 (TC) The MicroVal Process

Appendix 1 - Flow diagram of the reference method: ISO 10272:2017 - Microbiology of the food chain - Horizontal method for detection and enumeration of *Campylobacter* spp - Part 2: Colony-count technique

Test portion: x g + xml + 9x g or 9 x ml

↓

Further decimal dilution series

↓

Surface inoculation of mCCD Agar (spreading method)

0.1 ml on 1 plate or 1 ml on 3 plates x 2 (estimation of low numbers)

↓

Incubation in a microaerobic atmosphere

at 41.5°C ± 1°C for 44 h ± 4 h

↓

Enumeration of characteristic colonies

(greyish, often with a metallic sheen, flat and moist)

↓

Confirmation

↓

Streak 5 typical colonies onto non-selective blood agar plate

(e.g. Columbia Blood agar)

↓

Incubation in a microaerobic atmosphere

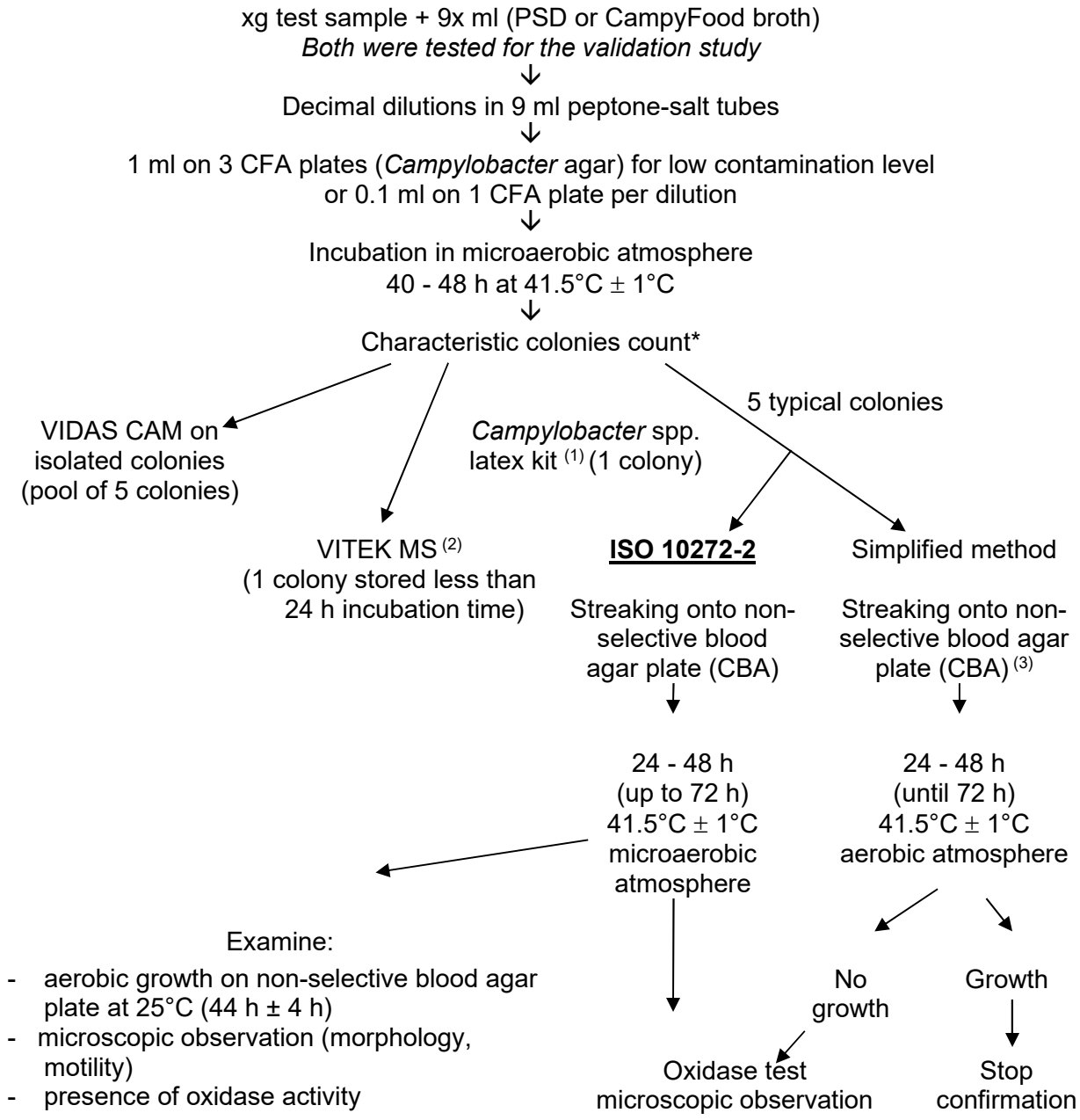
at 41.5°C ± 1°C for 24 h to 48 h

↓

Examine:

- Morphology
- Motility
- Aerobic growth at 25°C
- Presence of oxidase activity

Appendix 2 - Flow diagram of the alternative method: CampyFood Agar method



**During the validation study, an isolation step on CFA (5 characteristic colonies per dilution) was performed in order to test all the confirmation protocols on the same colony. For VIDAS CAM, the pool of 5 colonies was performed pooling 1 colony taken from each of the 5 CFA plates.*

(1) The use of the latex test after isolation on CBA has also been validated.

(2) The VITEK MS test can also be applied on a purified colony on blood agar

Appendix 3 - Artificial contamination

Year of analyse	N° Sample	Product	Artificial contamination			Category	Type
			Strain	Origin	Injury		
Initial	**1411**	**Ground beef**	*Campylobacter coli* Ad1121	Pork faeces	72h at 4°C	1	a
Initial	**1413**	**Raw beef tripes**	*Campylobacter coli* Ad1122	Pork faeces	72h at 4°C	1	a
Initial	**1415**	**Rib of pork**	*Campylobacter coli* Ad1123	Pork meat	72h at 4°C	1	a
Initial	**1416**	**Veal liver**	*Campylobacter coli* Ad1123	Pork meat	72h at 4°C	1	a
2018	**757**	**Pork meat**	*Campylobacter coli* Ad1966	Pork meat	Seeding 48h at 2-8°C in anaerobic condition	1	a
2018	**758**	**Pork meat**	*Campylobacter coli* Ad1966	Pork meat	Seeding 48h at 2-8°C in anaerobic condition	1	a
2018	**759**	**Pork meat**	*Campylobacter coli* Ad1966	Pork meat	Seeding 48h at 2-8°C in anaerobic condition	1	a
2018	**939**	**Sponge beef carcass**	*Campylobacter coli* Ad1997	Beef Slaughterhouse	Seeding 48h at 2-8°C in anaerobic condition	1	b
2018	**940**	**Sponge beef carcass**	*Campylobacter coli* Ad1997	Beef Slaughterhouse	Seeding 48h at 2-8°C in anaerobic condition	1	b
2018	**941**	**Sponge pork carcass**	*Campylobacter coli* Ad1889	Pork carcasse	Seeding 48h at 2-8°C in anaerobic condition	1	b
2018	**942**	**Sponge pork carcass**	*Campylobacter coli* Ad1889	Pork carcasse	Seeding 48h at 2-8°C in anaerobic condition	1	b
2018	**943**	**Sponge pork carcass**	*Campylobacter coli* Ad1889	Pork carcasse	Seeding 48h at 2-8°C in anaerobic condition	1	b
Initial	**1412**	**Beef carpaccio**	*Campylobacter coli* Ad1121	Pork faeces	72h at 4°C	1	c
Initial	**1414**	**Sausage-meat**	*Campylobacter coli* Ad1122	Pork faeces	72h at 4°C	1	c
2018	**3116**	**Smoked bacon**	*Campylobacter coli* Ad1967	Pork	Seeding 48h at 2-8°C in anaerobic condition	1	c
2018	**3117**	**Dried beef meat**	*Campylobacter lari* Ad1130	/	Seeding 48h at 2-8°C in anaerobic condition	1	c
2018	**3118**	**Sausage**	*Campylobacter coli* Ad1959	Pork	Seeding 48h at 2-8°C in anaerobic condition	1	c
2026	**136516**	**Poultry neck skin**	*Campylobacter coli* Ad1000	Poultry neck skin	Seeding 72 h 5 ± 3°C	2	b
2026	**136517**	**Poultry neck skin**	*Campylobacter coli* Ad1000	Poultry neck skin	Seeding 72 h 5 ± 3°C	2	b
Initial	**1097**	**Cooked chicken fillets**	Cross contamination	Naturally contaminated chicken gizzard	48h at 4°C	2	c
Initial	**1098**	**Duck pâté**	Cross contamination	Naturally contaminated chicken gizzard	48h at 4°C	2	c
Initial	**1099**	**Duck liver**	Cross contamination	Naturally contaminated chicken gizzard	48h at 4°C	2	c
2018	**760**	**Cooked poultry meat**	*Campylobacter coli* Ad1912	Poultry meat	Seeding 48h at 2-8°C in anaerobic condition	2	c
2018	**761**	**Cooked poultry meat**	*Campylobacter coli* Ad1912	Poultry meat	Seeding 48h at 2-8°C in anaerobic condition	2	c
2018	**762**	**Cooked poultry meat**	*Campylobacter coli* Ad1912	Poultry meat	Seeding 48h at 2-8°C in anaerobic condition	2	c
2018	**3119**	**Process water**	*Campylobacter coli* Ad1958	Poultry	Seeding 48h at 2-8°C in microaerobic condition	3	c
2018	**3120**	**Process water**	*Campylobacter coli* Ad1958	Poultry	Seeding 48h at 2-8°C in microaerobic condition	3	c
2018	**3121**	**Process water**	*Campylobacter coli* Ad1997	Environmental sample	Seeding 48h at 2-8°C in microaerobic condition	3	c
2018	**4720**	**Rinse water (pork industry)**	*Campylobacter coli* Ad1121	Pork feaces	Seeding 48h at 2-8°C in microaerobic condition	3	c
2018	**4721**	**Process water (pork industry)**	*Campylobacter coli* Ad1121	Pork feaces	Seeding 48h at 2-8°C in microaerobic condition	3	c

Appendix 4 - Relative trueness study: raw data

BF: background flora

Not taken into account for interpretation

MEAT AND MEAT PRODUCTS (except poultry)																																							
Year of analyze	N°Sample	Product	Reference method: ISO 10272-2 ♦											Alternative method: CampyFood Agar																									Category	Type
			Dilution	Peptone salt (PSD)										Dilution	Peptone salt (PSD)										CFB broth														
				CFU numerated				CFU confirmed				Interpretation 2025			CFU enumerated		CFU confirmed				Interpretation - With ISO or simplified confirmation		Interpretation - With VIDAS confirmation		CFU enumerated		CFU confirmed				Interpretation - With ISO or simplified confirmation		Interpretation - With VIDAS confirmation			
				Rep 1		Rep 2		Rep 1		Rep 2		CFU/g	Log (CFU/g)		Rep 1	Rep 2	by ISO or simplified method		by VIDAS CAM		CFU/g	Log (CFU/g)	CFU/g	Log (CFU/g)	Rep 1	Rep 2	by ISO or simplified method		by VIDAS CAM		CFU/g	Log (CFU/g)	CFU/g	Log (CFU/g)		
				a	b	a	b	a	b	a	b						Rep 1	Rep 2	Rep 1	Rep 2							Rep 1	Rep 2	Rep 1	Rep 2						
Initial	1066	Pork carcass N°1	10	0	0	0	0	0	0	0	0	<10	<1.00	10	0	0	0	0	0	0	<10	<1.00	<10	<1.00	0	0	0	0	0	0	<10	<1.00	<10	<1.00	1	b
			100	0	0	0	0	0	0	0	0			100	0	0	0	0	0	0					0	0	0	0	0	0						
Initial	1067	Pork carcass N°2	10	0	0	0	0	0	0	0	0	<10	<1.00	10	0	0	0	0	0	0	<10	<1.00	<10	<1.00	0	0	0	0	0	0	<10	<1.00	<10	<1.00	1	b
			100	0	0	0	0	0	0	0	0			100	0	0	0	0	0	0					0	0	0	0	0	0						
Initial	**1411**	**Ground beef**	10	1	1	1	0	1	1	1	0	10	1.00*	10	0	2	0	2	0	2	<10	<1.00	<10	<1.00	0	0	0	0	0	0	<10	<1.00	<10	<1.00	1	a
			100	0	0	0	0	0	0	0	0			100	0	0	0	0	0	0					1	1	/	/	/	/						
Initial	**1412**	**Beef carpaccio**	10	66	55	35	39	66	55	35	39	670	2.83	10	47	34	47	34	47	34	510	2.71	510	2.71	73	27	73	27	73	27	680	2.83	680	2.83	1	c
			100	8	15	2	3	8	15	2	3			100	9	4	9	4	9	4					2	1	2	1	2	1						
Initial	**1413**	**Raw beef tripes**	100	82	114	71	108	82	114	71	108	8400	3.92	100	77	140	77	140	77	140	8300	3.92	8300	3.92	66	64	66	64	66	64	7100	3.85	7100	3.85	1	a
			1000	10	6	9	13	10	6	9	13			1000	14	11	14	11	14	11					12	5	12	5	12	5						
Initial	**1414**	**Sausage-meat**	10	303	297	220	250	303	297	220	250	4300	3.63	10	>150	354	466	354	466	354	4900	3.69	4900	3.69	>150	565	263	565	263	565	2300	3.36	2300	3.36	1	c
			100	43	46	26	35	43	46	26	35			100	49	31	49	31	49	31					23	58	23	58	23	58						
Initial	**1415**	**Rib of pork**	10	32	32	51	44	32	32	51	44	340	2.53	10	34	60	34	60	34	60	360	2.56	360	2.56	60	79	60	79	60	79	570	2.76	570	2.76	1	a
			100	5	3	5	8	5	3	5	8			100	6	7	6	7	6	7					3	9	3	9	3	9						
Initial	**1416**	**Veal liver**	100	113	96	125	150	113	96	125	150	12000	4.08	100	136	114	136	114	136	114	13000	4.11	13000	4.11	116	98	116	98	116	98	12000	4.08	12000	4.08	1	a
			1000	19	11	18	12	19	11	18	12			1000	12	16	12	16	12	16					17	12	17	12	17	12						
2017	9488	Sponge beef carcass	10	0				0				<10	<1.00	10	0		0		0		<10	<1.00	<10	<1.00	0		0		0		<10	<1.00	<10	<1.00	1	b
			100	0				0						100	0		0		0						0		0		0							
2017	9489	Sponge beef carcass	10	0				0				<10	<1.00	10	0		0		0		<10	<1.00	<10	<1.00	0		0		0		<10	<1.00	<10	<1.00	1	b
			100	0				0						100	0		0		0						0		0		0							
2017	9490	Sponge beef carcass	10	0				0				<10	<1.00	10	0		0		0		<10	<1.00	<10	<1.00	0		0		0		<10	<1.00	<10	<1.00	1	b
			100	0				0						100	0		0		0						0		0		0							
2017	9491	Sponge beef carcass	10	0				0				<10	<1.00	10	0		0		0		<10	<1.00	<10	<1.00	0		0		0		<10	<1.00	<10	<1.00	1	b
			100	0				0						100	0		0		0						0		0		0							
2017	9492	Sponge beef carcass	10	0				0				<10	<1.00	10	0		0		0		<10	<1.00	<10	<1.00	0		0		0		<10	<1.00	<10	<1.00	1	b
			100	0				0						100	0		0		0						0		0		0							
2017	9493	Sponge beef carcass	10	0				0				<10	<1.00	10	0		0		0		<10	<1.00	<10	<1.00	0		0		0		<10	<1.00	<10	<1.00	1	b
			100	0				0						100	0		0		0						0		0		0							
2017	9494	Sponge beef carcass	10	0				0				<10	<1.00	10	0		0		0		<10	<1.00	<10	<1.00	0		0		0		<10	<1.00	<10	<1.00	1	b
			100	0				0						100	0		0		0						0		0		0							
2017	9495	Sponge beef carcass	10	0				0				<10	<1.00	10	0		0		0		<10	<1.00	<10	<1.00	0		0		0		<10	<1.00	<10	<1.00	1	b
			100	0				0						100	0		0		0						0		0		0							
2018	455	Pork feet	10	0				0				<10	<1.00	10	0		0		0		<10	<1.00	<10	<1.00	0		0		0		<10	<1.00	<10	<1.00	1	a
			100	0				0						100	0		0		0						0		0		0							

MEAT AND MEAT PRODUCTS (except poultry)																																				
			Reference method: ISO 10272-2 ♦											**Alternative method: CampyFood Agar**																						
			Dilution	**Peptone salt (PSD)**										Dilution	**Peptone salt (PSD)**										**CFB broth**											
Year of analyze	N°Sample	Product		CFU numerated				CFU confirmed				Interpretation 2025			CFU enumerated		CFU confirmed				Interpretation - With ISO or simplified confirmation		Interpretation - With VIDAS confirmation		CFU enumerated		CFU confirmed				Interpretation - With ISO or simplified confirmation		Interpretation - With VIDAS confirmation		Category	Type
				Rep 1		Rep 2		Rep 1		Rep 2		CFU/g	Log CFU/g)		Rep 1	Rep 2	by ISO or simplified method		by VIDAS CAM		CFU/g	Log (CFU/g)	CFU/g	Log (CFU/g)	Rep 1	Rep 2	by ISO or simplified method		by VIDAS CAM		CFU/g	Log (CFU/g)	CFU/g	Log (CFU/g)		
				a	b	a	b	a	b	a	b						Rep 1	Rep 2	Rep 1	Rep 2							Rep 1	Rep 2	Rep 1	Rep 2						
2018	456	Pork tails	10	0				0				<10	<1.00	10	0		0		0		<10	<1.00	<10	<1.00	0		0		0		<10	<1.00	<10	<1.00	1	a
			100	0				0						100	0		0		0						0		0		0							
2018	**757**	**Pork meat**	10	61				61				580	2.76	10	59		59		59		590	2.77	590	2.77	38		38		38		390	2.59	390	2.59	1	a
			100	3				3						100	6		6		6						5		5		5							
2018	**758**	**Pork meat**	100	20				20				1900	3.28	100	32		32		32		3200	3.51	3200	3.51	24		24		24		2400	3.38	2400	3.38	1	a
			1000	1				1						1000	3		3		3						2		2		2							
2018	**759**	**Pork meat**	1000	25				25				25000	4.40	1000	20		20		20		20000	4.30	20000	4.30	22		22		22		21000	4.32	21000	4.32	1	a
			10000	3				3						10000	2		2		2						1		1		1							
2018	863	Sponge pork carcass	10	0				0				<10	<1.00	10	0		0		0		<10	<1.00	<10	<1.00	0		0		0		<10	<1.00	<10	<1.00	1	b
			100	0				0						100	0		0		0						0		0		0							
2018	864	Sponge pork carcass	10	0				0				<10	<1.00	10	0		0		0		<10	<1.00	<10	<1.00	0		0		0		<10	<1.00	<10	<1.00	1	b
			100	0				0						100	0		0		0						0		0		0							
2018	**939**	**Sponge beef carcass**	10	14				14				160	2.20	10	29		29		29		280	2.45	280	2.45	36		36		36		360	2.56	360	2.56	1	b
			100	3				3						100	2		2		2						4		4		4							
2018	**940**	**Sponge beef carcass**	100	36				36				3900	3.59	100	38		38		38		3700	3.57	3700	3.57	35		35		35		3500	3.54	3500	3.54	1	b
			1000	7				7						1000	3		3		3						4		4		4							
2018	**941**	**Sponge pork carcass**	100	21				21				2000	3.30	100	22		22		22		2000	3.30	2000	3.30	37		37		37		3700	3.57	3700	3.57	1	b
			1000	1				1						1000	0		0		0						0		0		0							
2018	**942**	**Sponge pork carcass**	10	160				160				1200	3.08	100	15		15		15		1400	3.15	1400	3.15	13		13		13		1400	3.15	1400	3.15	1	b
			100	12				12						1000	0		0		0						2		2		2							
2018	**943**	**Sponge pork carcass**	100	122				122				12000	4.08	100	64		64		64		6600	3.82	6600	3.82	23 (3)		23 (3)		23 (3)		23000	4.36	23000	4.36	1	b
			1000	14				14						1000	9		9		9						2 (-4)		2 (-4)		2 (-4)							
2018	**3116**	**Smoked bacon**	10	4				4				45	1.65	10	4		4		4		36	1.56	36	1.56	4		4		4		36	1.56	36	1.56	1	c
			100	1				1					Ne	100	0		0		0			Ne		Ne	0		0		0			Ne		Ne		
2018	**3117**	**Dried beef meat**	100	6				6				550	2.74	100	6		6		6		550	2.74	550	2.74	6		6		6		640	2.81	640	2.81	1	c
			1000	0				0					Ne	1000	0		0		0			Ne		Ne	1		1		1			Ne		Ne		
2018	**3118**	**Sausage**	1000	43				43				41000	4.61	1000	51		51		51		52000	4.72	52000	4.72	78		78		78		81000	4.91	81000	4.91	1	c
			10000	2				2						10000	6		6		6						11		11		11							
Initial	1407	Sausage meat	10	32	23	24	36	32	23	24	36	310	2.49	10	31	26	31	26	31	26	290	2.46	290	2.46	16	29	16	29	16	29	170	2.23	170	2.23	1	c
			100	2	3	3	8	2	3	3	8			100	1	5	1	5	1	5					3	3	3	3	3	3						

MICROVAL® NEN

POULTRY AND POULTRY PRODUCTS

Year of analyze	N°Sample	Product	Reference method: ISO 10272-2 ♦										Alternative method: CampyFood Agar																				Category	Type
			Dilution	Peptone salt (PSD)							Interpretation 2025		Dilution	Peptone salt (PSD)									CFB broth											
				CFU numerated				CFU confirmed						CFU enumerated		CFU confirmed				Interpretation - With ISO or simplified confirmation		Interpretation - With VIDAS confirmation		CFU enumerated		CFU confirmed				Interpretation - With ISO or simplified confirmation		Interpretation - With VIDAS confirmation			
				Rep 1		Rep 2		Rep 1		Rep 2		CFU/g	Log (CFU/g)		Rep 1	Rep 2	by ISO or simplified method		by VIDAS CAM		CFU/g	Log (CFU/g)	CFU/g	Log (CFU/g)	Rep 1	Rep 2	by ISO or simplified method		by VIDAS CAM		CFU/g	Log (CFU/g)	CFU/g	Log (CFU/g)		
				a	b	a	b	a	b	a	b						Rep 1	Rep 2	Rep 1	Rep 2							Rep 1	Rep 2	Rep 1	Rep 2						
Initial	562	Chicken wings without skin	10	66	65	111	66	66	65	111	66	660	2.82	10	61	80	61	80	61	80	660	2.82	660	2.82	16	30	16	30	16	30	160	2.20	160	2.20	2	a
			100	1	10	11	7	1	10	11	7			100	12	9	12	9	12	9					2	7	2	7	2	7						
Initial	563	Turkey leg without skin	10	5	0	95	101	5	0	95	101	55	1.74	10	0	103	0	103	0	103	1000	3.00	1000	3.00	0	1	0	1	0	0	<10	<1.00	<10	<1.00	2	a
			100	1	1	10	3	1	1	10	3		Ne	100	0	8	0	8	0	8					0	0	0	0	0	0						
Initial	564	Chicken pieces with skin	10	1	1	7	14	1	1	6	14	55	1.74	10	1	7	1	7	1	7	64	1.81	64	1.81	1	0	1	0	1	0	10	1.00*	10	1.00*	2	a
			100	0	0	0	1	0	0	0	1		Ne	100	0	0	0	0	0	0		Ne		Ne	0	0	0	0	0	0						
Initial	706	Chicken wings (MAP)	10	5	7	2	2	5	7	2	2	45	1.65	10	8	3	6	3	8	3	55	1.74	73	1.86	2	0	2	0	2	0	20	1.30*	20	1.30*	2	a
			100	0	1	1	0	0	1	/	0		Ne	100	0	2	0	/	0	/		Ne		Ne	0	0	0	0	0	0						
Initial	707	White chicken leg (MAP)	10	1	2	0	0	1	2	0	0	10	1.00*	10	0	0	0	0	0	0	<10	<1.00	<10	<1.00	3	1	1	1	3	1	10	1.00*	30	1.48*	2	a
			100	1	0	0	0	/	0	0	0			100	0	0	0	0	0	0					0	0	0	0	0	0						
Initial	708	Chicken drumstick (MAP)	10	4	4	0	1	4	4	0	1	45	1.65	10	1	3	1	3	1	3	10	1.00*	10	1.00*	3	4	1	4	3	4	10	1.00*	30	1.48*	2	a
			100	1	0	0	0	1	0	0	0		Ne	100	0	1	0	/	0	/					0	0	0	0	0	0						
Initial	984	Chicken wings	10	0	0	0	0	0	0	0	0	<10	<1.00	10	3	2	2	1	3	2	20	1.30*	30	1.48*	8	3	5	1	8	0	45	1.65	73	1.86	2	a
			100	0	0	0	0	0	0	0	0			100	1	0	1	0	1	/					0	0	0	0	0	0		Ne		Ne		
Initial	985	Chicken drumsticks	10	10	7	2	1	10	7	2	0	100	2.00	10	4	2	4	2	4	2	36	1.56	36	1.56	1	3	1	2	1	3	10	1.00*	10	1.00*	2	a
			100	1	1	1	0	1	1	1	0			100	0	1	0	1	0	/		Ne		Ne	0	0	0	0	0	0						
Initial	997	Quail	10	0	0	0	0	0	0	0	0	<10	<1.00	100	>150	47	0	0	0	0	<100	<2.00	<100	<2.00	>150	51	/	0	/	0	<1000	<3.00	<1000	<3.00	2	a
			100	0	0	0	0	0	0	0	0			1000	16	0	0	0	0	0					10	2	0	0	0	0						
Initial	998	Cockerel	10	0	0	0	0	0	0	0	0	<10	<1.00	10	52	>150	0	0	0	/	<10	<1.00	<10	<1.00	143	127	0	0	0	0	<10	<1.00	<10	<1.00	2	a
			100	0	0	0	0	0	0	0	0			100	5	15	0	0	0	0					8	11	0	0	0	0						
Initial	1004	Chicken leg (MAP)	10	8	9	10	14	8	9	10	14	73	1.86	10	13	6	10	5	13	6	91	1.96	120	2.08	12	12	12	7	12	12	120	2.08	120	2.08	2	a
			100	0	1	0	3	0	1	0	2		Ne	100	1	1	0	1	0	1					1	2	1	2	1	2						
Initial	1005	Chicken drumqticks (MAP)	10	5	0	4	2	5	0	4	2	55	1.74	10	3	4	3	4	3	4	45	1.65	45	1.65	4	1	4	1	4	1	36	1.56	36	1.56	2	a
			100	1	0	1	1	1	0	1	1		Ne	100	2	1	/	1	/	1		Ne		Ne	0	0	0	/	0	0		Ne		Ne		
Initial	1006	Chicken wings (MAP)	10	77	66	44	82	77	66	44	82	750	2.88	10	76	99	76	99	76	99	750	2.88	750	2.88	>150	90	200	90	200	90	2300	3.36	2300	3.36	2	a
			100	8	0	7	5	5	0	7	5			100	6	7	6	7	6	7					23	8	23	8	23	8						
Initial	1059	Chicken VSM	100	85	66	53	69	85	53	53	69	8200	3.91	100	69	66	69	66	69	66	6700	3.83	6800	3.83	75	65	75	65	75	65	7200	3.86	7300	3.86	2	a
			1000	5	12	3	10	5	12	3	10			1000	6	12	5	12	6	12					5	4	4	4	5	4						
Initial	1060	Chicken carcass	10	2	2	1	1	2	2	1	1	20	1.30*	10	1	1	1	1	1	1	10	1.00*	10	1.00*	2	2	2	2	2	4	20	1.30*	20	1.30*	2	b
			100	0	0	1	0	0	0	/	0			100	0	0	0	0	0	0					0	0	0	0	0	0						
Initial	1061	Chicken carcass	10	0	3	1	1	0	3	0	1	<10	<1.00	10	1	1	1	1	1	1	10	1.00*	10	1.00*	2	1	2	1	2	1	20	1.30*	20	1.30*	2	b
			100	0	0	0	0	0	0	0	0			100	1	1	/	/	/	/					0	0	0	0	0	0						
Initial	1063	Chicken liver	10	85	87	91	109	85	87	91	109	870	2.94	10	124	85	124	85	124	85	1300	3.11	1300	3.11	34	102	34	102	34	102	360	2.56	360	2.56	2	c
			100	11	10	16	6	11	10	16	6			100	19	12	19	12	19	12					6	8	6	8	6	8						
Initial	1064	Chicken liver	10	83	91	92	95	83	91	92	95	860	2.93	10	80	81	80	81	80	81	860	2.93	860	2.93	>150	111	183	111	183	111	800	2.90	800	2.90	2	a
			100	12	9	13	15	12	9	13	15			100	14	18	14	18	14	18					8	13	8	13	8	13						

POULTRY AND POULTRY PRODUCTS																																				
Year of analyze	N°Sample	Product	Reference method: ISO 10272-2 ♦											Alternative method: CampyFood Agar																					Category	Type
			Dilution	Peptone salt (PSD)										Dilution	Peptone salt (PSD)										CFB broth											
				CFU numerated				CFU confirmed				Interpretation 2025			CFU enumerated		CFU confirmed				Interpretation - With ISO or simplified confirmation		Interpretation - With VIDAS confirmation		CFU enumerated		CFU confirmed				Interpretation - With ISO or simplified confirmation		Interpretation - With VIDAS confirmation			
				Rep 1		Rep 2		Rep 1		Rep 2		CFU/g	Log CFU/g)		Rep 1	Rep 2	by ISO or simplified method		by VIDAS CAM		CFU/g	Log (CFU/g)	CFU/g	Log (CFU/g)	Rep 1	Rep 2	by ISO or simplified method		by VIDAS CAM		CFU/g	Log (CFU/g)	CFU/g	Log (CFU/g)		
				a	b	a	b	a	b	a	b						Rep 1	Rep 2	Rep 1	Rep 2							Rep 1	Rep 2	Rep 1	Rep 2						
Initial	1065	Duck liver pâté	10	0	0	0	0	0	0	0	0	<10	<1.00	10	0	0	0	0	0	0	<10	<1.00	<10	<1.00	0	0	0	0	0	0	<10	<1.00	<10	<1.00	2	c
			100	0	0	0	0	0	0	0	0			100	0	0	0	0	0	0					0	0	0	0	0	0						
Initial	**1097**	**Cooked chicken fillets**	10	0	0	0	0	0	0	0	0	<10	<1.00	10	0	0	0	0	0	0	<10	<1.00	<10	<1.00	0	0	0	0	0	0	<10	<1.00	<10	<1.00	2	c
			100	0	0	0	0	0	0	0	0			100	0	0	0	0	0	0					0	0	0	0	0	0						
Initial	**1098**	**Duck pâté**	10	6	5	8	2	6	5	8	2	55	1.74	10	10	5	10	5	10	5	100	2.00	100	2.00	17	9	17	9	17	9	160	2.20	160	2.20	2	c
			100	0	0	0	0	0	0	0	0		Ne	100	1	1	1	1	1	1					1	0	1	0	1	0						
Initial	**1099**	**Duck liver**	10	27	30	22	34	27	30	22	34	250	2.40	10	36	31	36	31	36	31	390	2.59	390	2.59	33	34	33	34	33	34	310	2.49	310	2.49	2	c
			100	0	2	4	3	0	2	4	3			100	7	3	7	3	7	3					1	3	1	3	1	3						
2018	457	Cooked poultry	10	0				0				<10	<1.00	10	0		0		0		<10	<1.00	<10	<1.00	0		0		0		<10	<1.00	<10	<1.00	2	c
			100	0				0						100	0		0		0						0		0		0							
2018	458	Cooked poultry	10	0				0				<10	<1.00	10	0		0		0		<10	<1.00	<10	<1.00	0		0		0		<10	<1.00	<10	<1.00	2	c
			100	0				0						100	0		0		0						0		0		0							
2018	**760**	**Cooked poultry meat**	10	14				14				140	2.15	10	23		23		23		230	2.36	230	2.36	5		5		5		55	1.74	55	1.74	2	c
			100	1				1						100	2		2		2						1		1		1			Ne		Ne		
2018	**761**	**Cooked poultry meat**	10	17				17				170	2.23	10	12		12		12		130	2.11	130	2.11	15		15		15		170	2.23	170	2.23	2	c
			100	2				2						100	2		2		2						4		4		4							
2018	**762**	**Cooked poultry meat**	100	15				15				1500	3.18	100	14		14		14		1500	3.18	1500	3.18	17		17		17		1600	3.20	1600	3.20	2	c
			1000	1				1						1000	2		2		2						1		1		1							
2018	1417	Poultry neck skin	10	5				4				36	1.56	10	9		9		9		82	1.91	82	1.91	1		0		0		<10	<1.00	<10	<1.00	2	b
			100	0				0					Ne	100	0		0		0			Ne		Ne	0		0									
2018	1418	Poultry neck skin	10	4				0				<10	<1.00	10	4		0		0		<10	<1.00	<10	<1.00	5		2		4		20	1.30*	36	1.56	2	b
			100	0				0						100	0		0		0						0		0							Ne		
2018	1419	Poultry neck skin	10	10				4				36	1.56	10	>150		/		/		300	2.48*	300	2.48*	>150		/		/		300	2.48*	300	2.48*	2	b
			100	1				0					Ne	100	3 L + 43 S		3		3						3 L + 128 S		3		3							
2018	1420	Poultry neck skin	10	111				111				1100	3.04	10	>150		/		/		1900	3.28	1900	3.28	>150		/		/		400	2.60	400	2.60	2	b
			100	9				9						100	19 L +25 S		19		19						4 L + 16 S		4		4			Ne		Ne		
2018	1421	Poultry neck skin	100	45				45				4200	3.62	100	47		47		47		4900	3.69	4900	3.69	58		58		58		5400	3.73	5600	3.75	2	b
			1000	1				1						1000	7		7		7						4		1		4							
2018	1422	Poultry neck skin	100	21				21				2000	3.30	100	>150		/		/		3000	3.48*	3000	3.48*	79		79		79		7800	3.89	7800	3.89	2	b
			1000	1				1						1000	3 L + 25 S		3		13						7		7		7							
2018	1752	Poultry neck skin	1000	40				40				37000	4.57	1000	38		38		38		38000	4.58	38000	4.58	39		39		39		36000	4.56	36000	4.56	2	b
			10000	1				1						10000	4		4		4						1		1		1							
2018	1753	Poultry neck skin	10000	0				0				<10000	<4.00	10000	0		0		0		<10000	<4.00	<10000	<4.00	0		0		0		<10000	<4.00	<10000	<4.00	2	b
			100000	0				0						100000	0		0		0						0		0		0							

POULTRY AND POULTRY PRODUCTS

Year of analyze	N°Sample	Product	Reference method: ISO 10272-2 ♦ — Dilution	Peptone salt (PSD) — CFU numerated Rep 1 a	CFU numerated Rep 1 b	CFU numerated Rep 2 a	CFU numerated Rep 2 b	CFU confirmed Rep 1 a	CFU confirmed Rep 1 b	CFU confirmed Rep 2 a	CFU confirmed Rep 2 b	Interpretation 2025 CFU/g	Interpretation 2025 Log CFU/g	Alternative method: CampyFood Agar — Dilution	Peptone salt (PSD) — CFU enumerated Rep 1	CFU enumerated Rep 2	CFU confirmed by ISO or simplified method Rep 1	by ISO or simplified method Rep 2	by VIDAS CAM Rep 1	by VIDAS CAM Rep 2	Interpretation - With ISO or simplified confirmation CFU/g	Log (CFU/g)	Interpretation - With VIDAS confirmation CFU/g	Log (CFU/g)	CFB broth — CFU enumerated Rep 1	CFU enumerated Rep 2	CFU confirmed by ISO or simplified method Rep 1	by ISO or simplified method Rep 2	by VIDAS CAM Rep 1	by VIDAS CAM Rep 2	Interpretation - With ISO or simplified confirmation CFU/g	Log (CFU/g)	Interpretation - With VIDAS confirmation CFU/g	Log (CFU/g)	Category	Type
Initial	1068	Chiken neck meat	100	16	25	32	26	16	25	32	26	1600	3.20	100	38	33	23	26	38	33	2400	3.38	3800	3.58	63	38	50	38	50	38	4900	3.69	4900	3.69	2	a
			1000	2	2	3	2	2	2	3	2			1000	4	3	3	3	4	3					4	2	4	1	4	1						
2026	**136516**	**Poultry neck skin**	1000	30				30				28000	4.45	1000	30		30		30		29000	4.46	29000	4.46	30		30		30		29000	4.46	29000	4.46	2	b
			10000	1				1						10000	2		2		2						2		2		2							
2026	**136517**	**Poultry neck skin**	1000	30				30				28000	4.45	1000	30		30		30		30000	4.48	30000	4.48	30		30		30		30000	4.48	30000	4.48	2	b
			10000	1				1						10000	3		3		3						3		3		3							

MICROVAL® NEN

PRODUCTION ENVIRONMENTAL SAMPLES

Year of analyze	N°Sample	Product	Reference method: ISO 10272-2 ♦											Alternative method: CampyFood Agar																				Category	Type
			Dilution	Peptone salt (PSD)										Dilution	Peptone salt (PSD)										CFB broth									
				CFU numerated				CFU confirmed				Interpretation 2025			CFU enumerated		CFU confirmed				Interpretation - With ISO or simplified confirmation		Interpretation - With VIDAS confirmation		CFU enumerated		CFU confirmed				Interpretation - With ISO or simplified confirmation		Interpretation - With VIDAS confirmation			
				Rep 1		Rep 2		Rep 1		Rep 2		CFU/g	Log (CFU/g)		Rep 1	Rep 2	by ISO or simplified method		by VIDAS CAM		CFU/g	Log (CFU/g)	CFU/g	Log (CFU/g)	Rep 1	Rep 2	by ISO or simplified method		by VIDAS CAM		CFU/g	Log (CFU/g)	CFU/g	Log (CFU/g)		
				a	b	a	b	a	b	a	b						Rep 1	Rep 2	Rep 1	Rep 2							Rep 1	Rep 2	Rep 1	Rep 2						
Initial	898	Poultry environmental sample	10	110	93	107	130	110	93	107	130	1100	3.04	10	>150	273	135	109	>150	273	1400	3.15	3500	3.54	>150	400	230	400	287	40 (-2)	2000	3.30	2500	3.40	3	b
			100	11	2	14	10	11	2	14	10			100	35	26	14	0	35	26					25	60	20	60	25	6						
Initial	899	Poultry environmental sample	10	40	49	39	42	40	49	39	42	430	2.63	10	118	115	24	92	118	115	260	2.41	1100	3.04	63	83	50	83	63	83	530	2.72	690	2.84	3	b
			100	7	8	3	6	7	8	3	5			100	5	10	4	6	5	10					13	5	8	3	13	5						
Initial	901	Refrigeration water(poultry)	10	79	56	7	7	79	56	7	6	760	2.88	10	140	131	84	26	140	131	810	2.91	1300	3.11	140	42	112	8	140	42	1100	3.04	1400	3.15	3	c
			100	4	10	0	0	4	10	0	0			100	5	8	5	3	5	8					14	4	8	1	14	4						
Initial	1272	Environmental sample (feathery) N°1	100	ill	ill	ill	ill	ill	ill	ill	ill	<1000	<3.00	100	>150	>150	/	/	0	0	<1000	<3.00	<100	<2.00	>150	>150	/	/	0	0	<1000	<3.00	<100	<2.00	3	b
			1000	0(BF >150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)			1000	>150	>150	0	0	0	0					>150	>150	0	0	0	0						
Initial	1273	Environmental sample (feathery) N°2	100	ill	ill	ill	ill	ill	ill	ill	ill	<1000	<3.00	100	>150	>150	/	/	0	0	<1000	<3.00	<100	<2.00	>150	>150	/	/	0	0	<1000	<3.00	<100	<2.00	3	b
			1000	0(BF >150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)			1000	117	>150	0	0	0	0					>150	>150	0	0	0	0						
Initial	1274	Environmental sample (feathery) N°4	100	ill	ill	ill	ill	ill	ill	ill	ill	<1000	<3.00	100	>150	>150	/	/	0	0	<1000	<3.00	<100	<2.00	>150	>150	/	/	0	0	<1000	<3.00	<100	<2.00	3	b
			1000	0(BF >150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)			1000	>150	>150	0	0	0	0					>150	>150	0	0	0	0						
Initial	1275	Environmental sample (feathery) N°3	100	ill	ill	ill	ill	ill	ill	ill	ill	<1000	<3.00	100	>150	>150	/	/	0	0	<1000	<3.00	<100	<2.00	>150	>150	/	/	0	0	<1000	<3.00	<100	<2.00	3	b
			1000	0(BF >150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)			1000	>150	>150	0	0	0	0					>150	>150	0	0	0	0						
Initial	1276	Environmental sample (feathery) N°4	100	ill	ill	ill	ill	ill	ill	ill	ill	<1000	<3.00	100	>150	>150	/	/	0	0	<1000	<3.00	<100	<2.00	>150	>150	/	/	0	0	<1000	<3.00	<100	<2.00	3	c
			1000	0(BF >150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)			1000	>150	>150	0	0	0	0					>150	>150	0	0	0	0						
Initial	1301	Environmental sample (feathery) N°2	100	ill	ill	ill	ill	ill	ill	ill	ill	<1000	<3.00	100	>150	>150	/	/	0	0	<1000	<3.00	<100	<2.00	>150	>150	/	/	0	0	<1000	<3.00	<100	<2.00	3	c
			1000	0(BF >150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)	0(BF> 150)			1000	>150	>150	0	0	0	0					>150	>150	0	0	0	0						
Initial	1398	Scalding water	10	0	0	0	0	0	0	0	0	<10	<1.00	10	0	0	0	0	0	0	<10	<1.00	<10	<1.00	0	0	0	0	0	0	<10	<1.00	<10	<1.00	3	c
			100	0	0	0	0	0	0	0	0			100	0	0	0	0	0	0					0	0	0	0	0	0						
Initial	1399	Feathery water	10	115	122	121	123	115	122	121	123	1200	3.08	10	134	154	134	154	134	154	1400	3.15	1400	3.15	159	161	159	161	159	161	1500	3.18	1500	3.18	3	c
			100	13	10	16	6	13	10	16	6			100	15	11	15	11	15	11					8	7	8	7	8	7						
Initial	1400	Environmental sample (Feathery)	10	55	58	81	101	55	58	81	101	550	2.74	10	72	100	72	100	72	100	670	2.83	670	2.83	100	118	100	118	100	118	1000	3.00	1000	3.00	3	b
			100	0	5	9	11	0	5	9	11			100	2	1	2	1	2	1					1	9	1	9	1	9						
Initial	1401	Hook wipe	10	7	6	12	9	7	6	12	9	82	1.91	10	6	12	6	12	6	12	55	1.74	55	1.74	9	7	9	7	9	7	100	2.00	100	2.00	3	b
			100	2	3	0	0	2	3	0	0		Ne	100	0	1	0	1	0	1		Ne		Ne	2	2	2	2	2	2		Ne		Ne		
Initial	1402	Frozen Guinea-fowl liver	10	0	2	1	0	0	2	1	0	<10	<1.00	10	1	0	1	0	0	0	10	1.00*	<10	<1.00	0	1	0	1	0	1	<10	<1.00	<10	<1.00	3	b
			100	0	0	0	0	0	0	0	0			100	0	0	0	0	0	0					0	0	0	0	0	0						
Initial	1403	Operator hands wipe	10	0	0	0	0	0	0	0	0	<10	<1.00	10	0	0	0	0	0	0	<10	<1.00	<10	<1.00	0	0	0	0	0	0	<10	<1.00	<10	<1.00	3	a
			100	0	0	0	0	0	0	0	0			100	0	0	0	0	0	0					0	0	0	0	0	0						
Initial	1404	Evisceration podium wipe	100	67	60	88	82	54	48	70	66	5200	3.72	100	43	55	43	55	43	55	4500	3.65	4500	3.65	52	21	52	21	52	21	5100	3.71	5100	3.71	3	b
			1000	4	11	8	5	3	11	6	1			1000	6	6	6	6	6	6					4	1	4	1	4	1						

MICROVAL® NEN

PRODUCTION ENVIRONMENTAL SAMPLES																																			
Year of analyze	N°Sample	Product	Reference method: ISO 10272-2 ♦											Alternative method: CampyFood Agar																						
			Dilution	Peptone salt (PSD)										Dilution	Peptone salt (PSD)										CFB broth											
				CFU numerated				CFU confirmed				Interpretation 2025			CFU enumerated		CFU confirmed				Interpretation - With ISO or simplified confirmation		Interpretation - With VIDAS confirmation		CFU enumerated		CFU confirmed				Interpretation - With ISO or simplified confirmation		Interpretation - With VIDAS confirmation			
				Rep 1		Rep 2		Rep 1		Rep 2		CFU/g	Log (CFU/g)		Rep 1	Rep 2	by ISO or simplified method		by VIDAS CAM		CFU/g	Log (CFU/g)	CFU/g	Log (CFU/g)	Rep 1	Rep 2	by ISO or simplified method		by VIDAS CAM		CFU/g	Log (CFU/g)	CFU/g	Log (CFU/g)		
				a	b	a	b	a	b	a	b						Rep 1	Rep 2	Rep 1	Rep 2							Rep 1	Rep 2	Rep 1	Rep 2						
Initial	1435	Beef slaughter-house environmental sample (wipe)	100	BF> 150	BF> 150	BF> 150	BF> 150	BF> 150	BF> 150	BF> 150	BF> 150	<1000	<3.00	100	>150	>150	/	/	/	/	<1000	<3.00	<1000	<3.00	>150	>150	/	/	/	/	<1000	<3.00	<1000	<3.00	3	b
			1000	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)			1000	42	55	0	0	0	0					60	56	0	0	0	0						
Initial	1436	Beef slaughter-house environmental sample (wipe)	10	3	4	96	33	0	0	0	0	<10	<1.00	10	27	127	0	0	0	0	<10	<1.00	<10	<1.00	12	7	0	0	0	0	<10	<1.00	<10	<1.00	3	b
			100	0	1	5	0	0	0	0	0			100	3	6	0	0	0	0					0	1	0	0	0	0						
Initial	1437	Pork slaughter-house environmental sample (wipe)	100	BF> 150	BF> 150	BF> 150	BF> 150	BF> 150	BF> 150	BF> 150	BF> 150	<1000	<3.00	100	>150	>150	/	/	/	/	<1000	<3.00	<1000	<3.00	>150	>150	/	/	/	/	<1000	<3.00	<1000	<3.00	3	b
			1000	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)			1000	36	57	0	0	0	0					22	25	0	0	0	0						
Initial	1438	Pork slaughter-house environmental sample (wipe)	100	BF> 150	BF> 150	BF> 150	BF> 150	BF> 150	BF> 150	BF> 150	BF> 150	<1000	<3.00	100	136	123	0	0	0	0	<100	<2.00	<100	<2.00	110	177	0	0	0	0	<100	<2.00	<100	<2.00	3	b
			1000	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)	0 (presence of BF)			1000	14	14	0	0	0	0					16	28	0	0	0	0						
2017	8641	Waste (Poultry livers)	10	76				76				740	2.87	100	36		36		36		3700	3.57	3700	3.57	15		15		15		1500	3.18	1500	3.18	3	a
			100	5				5						1000	5		5		5						2		2		2							
2017	8642	Waste (Poultry gizzards)	1000	63				63				64000	4.81	1000	80		80		80		88000	4.94	88000	4.94	39		39		39		43000	4.63	43000	4.63	3	a
			10000	7				7						10000	17		17		17						8		8		8							
2017	8643	Waste (Poultry skin and fat)	1000	85				85				85000	4.93	1000	>150		>150		>150		240000	5.38	240000	5.38	92		92		92		87000	4.94	87000	4.94	3	a
			10000	8				8						10000	24		24		24						4		4		4							
2017	8644	Waste (Poultry skin and leg)	10	10				8				91	1.96	10	11		11		11		100	2.00	100	2.00	1		1		1		10	1.00*	10	1.00*	3	a
			100	2				2					Ne	100	0		0		0						0		0		0							
2017	8645	Waste (Poultry neck without skin)	10	10				10				91	1.96	10	11		11		11		100	2.00	100	2.00	24		24		24		270	2.43	270	2.43	3	a
			100	0				0					Ne	100	0		0		0						6		6		6							
2017	8646	Waste (Poultry head)	10	6				6				55	1.74	10	5		5		5		45	1.65	45	1.65	3		3		3		30	1.48*	30	1.48*	3	a
			100	0				0					Ne	100	0		0		0			Ne		Ne	2		2		2							
2017	8647	Waste (Poultry head)	10	1				1				10	1.00*	10	10		10		10		100	2.00	100	2.00	9		9		9		100	2.00	100	2.00	3	a
			100	0				0						100	1		1		1						2		2		2			Ne		Ne		
2018	1538	Poultry waste	10	32				32				320	2.51	10	51		51		51		470	2.67	470	2.67	27		27		27		320	2.51	320	2.51	3	a
			100	3				3						100	1		1		1						8		8		8							
2018	**3119**	**Process water**	10	0				0				<10	<1.00	10	0		0		0		<10	<1.00	<10	<1.00	0		0		0		<10	<1.00	<10	<1.00	3	c
			100	0				0						100	0		0		0						0		0		0							
2018	**3120**	**Process water**	100	0				0				<100	<2.00	100	0		0		0		<100	<2.00	<100	<2.00	0		0		0		<100	<2.00	<100	<2.00	3	c
			1000	0				0						1000	0		0		0						0		0		0							
2018	**3121**	**Process water**	10	19				19				180	2.26	10	31		31		31		310	2.49	310	2.49	30		30		30		290	2.46	290	2.46	3	c
			100	1				1						100	3		3		3						2		2		2							

MICROVAL® NEN

PRODUCTION ENVIRONMENTAL SAMPLES																																								
Year of analyze	N°Sample	Product	Reference method: ISO 10272-2 ♦															Alternative method: CampyFood Agar																								
			Dilution	Peptone salt (PSD)														Dilution	Peptone salt (PSD)														CFB broth											
				CFU numerated				CFU confirmed				Interpretation 2025							CFU enumerated		CFU confirmed				Interpretation - With ISO or simplified confirmation		Interpretation - With VIDAS confirmation							CFU enumerated		CFU confirmed				Interpretation - With ISO or simplified confirmation		Interpretation - With VIDAS confirmation			
				Rep 1		Rep 2		Rep 1		Rep 2		CFU/g	Log (CFU/g)						Rep 1	Rep 2	by ISO or simplified method		by VIDAS CAM		CFU/g	Log (CFU/g)	CFU/g	Log (CFU/g)							Rep 1	Rep 2	by ISO or simplified method		by VIDAS CAM		CFU/g	Log (CFU/g)	CFU/g	Log (CFU/g)		
				a	b	a	b	a	b	a	b										Rep 1	Rep 2	Rep 1	Rep 2											Rep 1	Rep 2	Rep 1	Rep 2						
Initial	1084	Process water	100	31	35	40	45	31	35	40	45	3500	3.54	100	38	51	38	51	38	51	3900	3.59	3900	3.59	48	52	48	52	48	52	4900	3.69	4900	3.69	3	c
			1000	8	3	7	5	8	3	7	5			1000	5	10	5	10	5	10					6	5	6	5	6	5						
2018	**4720**	**Rinse water (pork industry)**	100	16				16				1600	3.20	100	16		16		16		1900	3.28	1900	3.28	12		12		12		1400	3.15	1400	3.15	3	c
			1000	2				2						1000	5		5		5						3		3		3							
2018	**4721**	**Process water (pork industry)**	1000	62				62				67000	4.83	1000	99		99		99		99000	5.00	99000	5.00	71		71		71		72000	4.86	72000	4.86	3	c
			10000	12				12						10000	10		10		10						8		8		8							

Negative result

*After 72h incubation time, some morphologic and motility evolutions of the tested *Campylobacter* spp strains were observed by microscopy:
- Slight evolution to coccoid cells
- Weak motility

Detailed confirmation

Sample N°	Alternative method : CampyFood Agar (CFA)																									
	PSD													CFB												
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
562-1	-1	61	10673	/	-	-	+	+	-	-	+	+	+	5/5	-1	16	11010	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	12	10779	/	-	-	+	+	-	-	+	+	+	5/5	-2	2	3973	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
562-2	-1	80	11417	/	-	-	+	+	-	-	+	+	+	5/5	-1	30	11150	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	9	11593	/	-	-	+	+	-	-	+	+	+	5/5	-2	7	11356	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
563-1	-1	0	/	/										/	-1	0	/	/										/
	-2	0	/	/										/	-2	0	/	/										/

Sample N°	Alternative method : CampyFood Agar (CFA)																								
	PSD													CFB											
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
563-2	-1	103	10744	/	-	-	+	+	-	-	+	+	+	5/5	-1	1	10456	/	-	-	+	+	-	-	+	+	+	1/1
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
	-2	8	10811	/	-	-	+	+	-	-	+	+	+	5/5	-2	0	/	/										/
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
564-1	-1	1	10430	/	-	-	+	+	-	-	+	+	+	1/1	-1	1	10193	/	-	-	+	+	-	-	+	+	+	1/1
	-2	0	11776	/										/	-2	0	/	/										/
564-2	-1	7	11776	/	-	-	+	+	-	-	+	+	+	5/5	-1	0	/	/										/
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
	-2	0	/	/										/	-2	0	/	/										/

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																							
	PSD													CFB										
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
706-1	-1	8	11383	/	-	-	+	+	-	-	+	+	+	4/5	-1	2	10326	/	-									
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					+	+	+	+	+	+	-	-short rod (coccus shape)	-							-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
	-2			/										/	-2	0		/										/
706-2	-1	3	11016	/	-	-	+	+	-	-	+	+	+	3/3	-1	0		/										/
					-	-	+	+	-	-	+	+	+															
	-2			/										/	-2	0		/										/
707-1	-1	0		/										/	-1	3	6282	/	+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)	1/3
																			-	-	+	+	-	-	+	+	+	
																			+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)	
	-2			/										/	-2	0		/										/

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																								
	PSD													CFB											
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
707-2	-1	0		/										/	-1	1	6235	/	-	-	+	+	-	-	+	+	+	1/1
	-2			/										/	-2	0		/										
708-1	-1	1	6145	/	-	-	+	+	-	-	+	+	+	1/1	-1	3	10786	/	-	-	+	+	-	-	+	+	+	3/3
	-2			/										/	-2	0		/										/
708-2	-1	3	11553	/	-	-	+	+	-	-	+	+	+	3/3	-1	4	11098	/	-	-	+	+	-	-	+	+	+	4/4
	-2			/										/	-2	0		/										/

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																								
	PSD													CFB											
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
898-1	-1	338	6418	/	+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)	2/5	-1	287	10722	/	+	+	+	+	-	-	+	+	+	4/5
					+	+	+	+	-	-	+	+	+						+	+	+	+	+	+	-	short rod (coccus shape)	short rod (coccus shape)	
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	-	-	+	+	+	
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	-	-	+	+	+	
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	-	+	+	+	
	-2	35	8799	/	+	+	+	+	-	-	+	+	+	2/5	-2	25	5089	/	+	+	+	+	-	-	+	+	+	3/5
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	+	+	-	short rod (coccus shape)	short rod (coccus shape)	
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	-	-	+	+	+	
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	-	-	+	+	+	
898-2	-1	273	7582	/	+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)	2/5	-2	40	10959	/	+	+	+	+	-	-	+	+	+	5/5
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	-	+	+	+	
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	-	+	+	+	
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	-	-	+	+	+	
	-2	26	304	/	+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)	0/5	-3	6	10488	/	+	+	+	+	-	-	+	+	+	5/5
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	-	-	+	+	+	
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	-	-	+	+	+	
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	-	-	+	+	+	

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																								
	PSD													CFB											
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
899-1	-1	118	5236	/	+	+	+	+	-	-	+	+	+	1/5	-1	63	11744	/	+	+	+	+	-	-	+	+	+	3/5
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	-	-	+	+	+	
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	+	+	-	short rod (coccus shape)	short rod (coccus shape)	
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	-	-	+	+	+	
					+	+	+	+	-	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	-	-	+	+	+	
	-2	5	11757	/	+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)	4/5	-2	13	8026	/	+	+	+	+	+	+	-	short rod (coccus shape)	short rod (coccus shape)	3/5
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	-	+	+	+	
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	-	+	+	+	
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	-	+	short rod (coccus shape)	short rod (coccus shape)	
					+	+	+	+	-	-	+	+	+						+	+	+	+	+	+	-	+	+	
899-2	-1	115	11433	/	+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)	4/5	-1	83	11720	/	+	+	+	+	-	-	+	+	+	5/5
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	-	+	+	+	
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	-	+	+	+	
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	-	+	+	+	
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	-	+	+	+	
	-2	10	11587	/	+	+	+	+	-	-	+	+	+	3/5	-2	5	11605	/	+	+	+	+	-	-	+	+	+	3/5
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	+	+	-	short rod (coccus shape)	short rod (coccus shape)	
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	-	-	+	+	+	
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	+	-	long rods	long rods	
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	-	+	+	+	
901-1	-1	140	11535	/	+	+	+	+	-	-	+	+	+	3/5	-1	140	11474	/	+	+	+	+	-	-	+	+	+	4/5
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	-	+	+	+	
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	-	-	+	+	+	
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	-	+	+	+	
					+	+	+	+	-	+	-	long rods	long rods						+	+	+	+	-	+	-	long rods	long rods	
	-2	5	11887	/	+	+	+	+	-	-	+	+	+	5/5	-2	14	10351	/	+	+	+	+	+	+	-	short rod (coccus shape)	short rod (coccus shape)	3/5
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	-	+	+	+	
					+	+	+	+	-	-	+	+	+						+	+	+	+	+	+	-	short rod (coccus shape)	short rod (coccus shape)	
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	-	+	+	+	
					+	+	+	+	-	-	+	+	+						+	+	+	+	-	-	+	+	+	

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																							
	PSD												CFB											
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
901-2	-1	131	6843	/	+	+	+	+	-	+	-	long rods	long rods	1/5	-1	42	6748	/	+	+	+	+	+	+	-	short rod (coccus shape)	short rod (coccus shape)	1/5
					+	+	+	+	-	+	-	long rods	long rods						+	+	+	+	+	+	-	short rod (coccus shape)	short rod (coccus shape)	
					+	+	+	+	-	-	+	+	+						+	+	+	+	+	+	-	short rod (coccus shape)	short rod (coccus shape)	
					+	+	+	+	-	+	-	long rods	long rods						+	+	+	+	+	+	-	short rod (coccus shape)	short rod (coccus shape)	
					+	+	+	+	-	+	-	long rods	long rods						+	+	+	+	-	-	+	+	+	
	-2	8	10692	/	+	+	+	+	-	-	+	+	+	2/5	-2	4	10850	/	+	+	+	+	+	+	-	short rod (coccus shape)	short rod (coccus shape)	1/4
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	-	+	+	+	+	
					+	+	+	+	-	-	+	+	+						+	+	+	+	+	+	-	short rod (coccus shape)	short rod (coccus shape)	
					+	+	+	+	+	+	-	-short rod (coccus shape)	-short rod (coccus shape)						+	+	+	+	+	+	-	short rod (coccus shape)	short rod (coccus shape)	
					+	+	+	+	-	+	-	long rods	long rods															
984-1	-1	3	4818	/	-	-	+	+	-	-	+	+	+	2/3	-1	8	11951	/	-	-	+	+	-	-	+	+	+	3/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					No growth														No growth									
																			No growth									
	-2	1	/	/	-	-	+	+	-	-	+	+	+	1/1	-2	0		/										/
984-2	-1	2	8512	/	-	-	+	+	-	-	+	+	+	1/2	-1	3	282	/	-	-	+	+	-	-	+	+	+	1/3
					+	NC	+ (NC)	+(NC)	+	+	-	-short rod (coccus shape)	-						+	+	+	+	+	+	-	short rod (coccus shape)	short rod (coccus shape)	
																			+	+	+	+	+	+	-	short rod (coccus shape)	short rod (coccus shape)	
	-2	0	/	/											-2	0		/										/

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																							
	PSD												CFB											
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
985-1	-1	4	10346	/	-	-	+	+	-	-	+	+	+	4/4	-1	1	9249	/	-	-	+	+	-	-	+	+	+	1/1
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
	-2	0		/										/	-2	0		/										/
985-2	-1	2	10099	/	-	-	+	+	-	-	+	+	+	2/2	-1	3	7785	/	-	-	+	+	-	-	+	+	+	2/2
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	1	7280	/	-	-	+	+	-	-	+	+	+	1/1	-2	0		/	-	-	+	+	-	-	+	+	+	1/1
997-1	-2	>150	219	/										/	-2	>150	225	/										/
	-3	16	218	/	+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	0/5	-3	10	219	/	+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	0/5
					+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-						+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	
					+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-						+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	
					+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-						+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	
					+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-						+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																									
	PSD													CFB												
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
997-2	-2	47	225	/	+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	0/5	-2	51	224	/	+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	0/5
					+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-						+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	
					+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-						+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	
					+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-						+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	
					+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-						+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	
	-3	0		/										/	-3	2	218	/	+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	0/5
																			+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	
																			+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	
																			+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	
																			+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	
																			+	+	+	+	+ weak	+	-	-short rod (coccus shape)	-	
998-1	-1	52	217	/	+	+	+	+	+ weak	+	-	-rod	-	0/5	-1	143	218	/	+	+	+	+	+ weak	+	-	-rod	-	0/5
					+	+	+	+	+ weak	+	-	-rod	-						+	+	+	+	+ weak	+	-	-rod	-	
					+	+	+	+	+ weak	+	-	-rod	-						+	+	+	+	+ weak	+	-	-rod	-	
					+	+	+	+	+ weak	+	-	-rod	-						+	+	+	+	+ weak	+	-	-rod	-	
					+	+	+	+	+ weak	+	-	-rod	-						+	+	+	+	+ weak	+	-	-rod	-	
	-2	5	222	/	+	+	+	+	+ weak	+	-	-rod	-	0/5	-2	8	221	/	+	+	+	+	+ weak	+	-	-rod	-	0/5
					+	+	+	+	+ weak	+	-	-rod	-						+	+	+	+	+ weak	+	-	-rod	-	
					+	+	+	+	+ weak	+	-	-rod	-						+	+	+	+	+ weak	+	-	-rod	-	
					+	+	+	+	+ weak	+	-	-rod	-						+	+	+	+	+ weak	+	-	-rod	-	
					+	+	+	+	+ weak	+	-	-rod	-						+	+	+	+	+ weak	+	-	-rod	-	
998-2	-1	>150	218	/										/	-1	127	217	/	+	+	+	+	+ weak	+	-	-rod	-	0/5
																			+	+	+	+	+ weak	+	-	-rod	-	
																			+	+	+	+	+ weak	+	-	-rod	-	
																			+	+	+	+	+ weak	+	-	-rod	-	
																			+	+	+	+	+ weak	+	-	-rod	-	
	-2	15	228	/	+	+	+	+	+ weak	+	-	-rod	-	0/5	-2	11	229	/	+	+	+	+	+ weak	+	-	-rod	-	0/5
					+	+	+	+	+ weak	+	-	-rod	-						+	+	+	+	+ weak	+	-	-rod	-	
					+	+	+	+	+ weak	+	-	-rod	-						+	+	+	+	+ weak	+	-	-rod	-	
					+	+	+	+	+ weak	+	-	-rod	-						+	+	+	+	+ weak	+	-	-rod	-	
					+	+	+	+	+ weak	+	-	-rod	-						+	+	+	+	+ weak	+	-	-rod	-	

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																							
	PSD													CFB										
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1004-1	-1	13	11217	/	-	-	+	+	-	-	+	+	-	4/5	-1	12	10795	/	-	-	+	+	-	-	+	+	+*	5/5
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+*	
					-	-	+	+	-	-	+	+	-						-	-	+	+	-	-	+	+	+*	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	-	
					+	/	/	/	/	/	/	/	/						-	-	+	+	-	-	+	+	-	
	-2	1	230	/	+	/	/	/	/	/	/	/	/	0/1	-2	1	7846	/	-	-	+	+	-	-	+	+	+*	1/1
1004-2	-1	6	10596	/	+	/	/	/	/	/	/	/	/	4/5	-1	12	11327	/	-	-	+	+	-	-	+	+	+*	3/5
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	-	
					-	-	+	+	-	-	+	+	+*						+	/	/	/	/	/	/	/	/	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	-	
	-2	1	4714	/	-	-	+	+	-	-	+	+	+*	1/1	-2	2	8071	/	-	-	+	+	-	-	+	+	+*	1/2
																			-	-	+	+	-	-	+	+	-	
1005-1	-1	3	9777	/	-	-	+	+	-	-	+	+	+*	3/3	-1	4	12162	/	-	-	+	+	-	-	+	+	+	4/4
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+*	
																			-	-	+	+	-	-	+	+	+*	
	-2	2	/	/										/	-2	0	/	/										/
1005-2	-1	4	11898	/	-	-	+	+	-	-	+	+	-	4/4	-1	1	4320	/	-	-	+	+	-	-	+	+	+*	1/1
					-	-	+	+	-	-	+	+	+																
					-	-	+	+	-	-	+	+	+																
					-	-	+	+	-	-	+	+	-																
	-2	1	30807	/	-	-	+	+	-	-	+	+	+*	1/1	-2	0	/	/										/

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																								
	PSD													CFB											
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1006-1	-1	76	11415	/	-	-	+	+	-	-	+	+	+	5/5	-1	200	11773	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+*	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+*	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+*	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+*	
	-2	6	11896	/	-	-	+	+	-	-	+	+	-	5/5	-2	23	9840	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+*	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+*	
1006-2	-1	99	11071	/	-	-	+	+	-	-	+	+	+*	5/5	-1	90	4812	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+*	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	-						-	-	+	+	-	-	+	+	+*	
	-2	7	10480	/	-	-	+	+	-	-	+	+	+*	5/5	-2	8	11838	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+*	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+*	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+	
1059-1	-2	69	10948	/	-	-	+	+	-	-	+	+	+	5/5	-2	75	11745	/	+	/	+	+	-	-	/	/	/	4/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-3	6	11680	/	-	-	+	+	-	-	+	+	+	5/5	-3	5	11460	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					+	/	+	+	-	+	/	/	/						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
1059-2		66	10698	/	-	-	+	+	-	-	+	+	+	5/5	-2	65	11896	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
		12	10416	/	-	-	+	+	-	-	+	+	+	5/5	-3	4	10774	/	-	-	+	+	-	-	+	+	+	4/4
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+														

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																							
	PSD												CFB											
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1060-1	-1	1	11741	/	-	-	+	+	-	-	+	+	+	1/5	-1	2	10721	/	-	-	+	+	-	-	+	+	+	2/2
																			-	-	+	+	-	-	+	+	+	
	-2	1	10143	/	-	-	+	+	-	-	+	+	+	1/5	-2	4	10452	/	-	-	+	+	-	-	+	+	+	4/4
																			-	-	+	+	-	-	+	+	+	
																			-	-	+	+	-	-	+	+	+	
																			-	-	+	+	-	-	+	+	+	
1060-2	-1	1	10134	/	-	-	+	+	-	-	+	+	+	1/5	-1	2	10445	/	+	/	+	/	/	/	/	/	/	1/2
																			-	-	+	+	-	-	+	+	+	
	-2	1	11618	/	-	-	+	+	-	-	+	+	+	1/5	-2	1	11228	/	-	-	+	+	-	-	+	+	+*	1/1
1062-1	-2	176	11439	/	-	-	+	+	-	-	+	+	+	5/5	-2	61	12210	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
1062-2	-2	92	11682	/	-	-	+	+	-	-	+	+	+	4/5	-2	71	11492	/	-	-	+	+	-	-	+	+	+	5/5
					+	/	+	+	-	/	/	/	/						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+	
1063-1	-1	124	11841	/	-	-	+	+	-	-	+	+	+*	5/5	-1	34	9197	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+	
	-2	19	11822	/	-	-	+	+	-	-	+	+	+*	5/5	-2	6	10713	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+	

Sample N°	Alternative method : CampyFood Agar (CFA)																							
	PSD													CFB										
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1063-2	-1	85	10404	/	-	-	+	+	-	-	+	+	+	5/5	-1	102	11112	/	-	-	+	+	-	-	+	+	+*	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+*	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	12	11347	/	-	-	+	+	-	-	+	+	+	5/5	-2	8	11514	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
1064-1	-1	80	11045	/	-	-	+	+	-	-	+	+	+	5/5	-1	183	11858	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	14	11814	/	-	-	+	+	-	-	+	+	+	5/5	-2	8	11751	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
1064-2	-1	81	11482	/	-	-	+	+	-	-	+	+	+	5/5	-1	111	11702	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	18	12257	/	-	-	+	+	-	-	+	+	+	5/5	-2	13	11669	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
1097-1	-1	0	/	/										/	-1	2	11879	/	-	-	+	+	-	-	+	+	+	2/2
																			-	-	+	+	-	-	+	+	+	
																			-	-	+	+	-	-	+	+	+	
1097-2	-1	0	/	/										/	-1	1	8966	/	-	-	+	+	-	-	+	+	+	1/1

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																								
	PSD													CFB											
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1098-1	-1	10	10686	/	-	-	+	+	-	-	+	+	+	5/5	-1	17	8598	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	1	944	/	-	-	+	+	-	-	+	+	+	1/5	-2	1	1087	/	-	-	+	+	-	-	+	+	+	1/1
1098-2	-1	5	11722	/	-	-	+	+	-	-	+	+	+	5/5	-1	9	9783	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	1	746	/	-	-	+	+	-	-	+	+	+	1/5	-2	0	/	/										/
1099-1	-1	36	10923	/	-	-	+	+	-	-	+	+	+	5/5	-1	33	11599	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	7	11861	/	-	-	+	+	-	-	+	+	+	3/5	-2	1	6892	/	-	-	+	+	-	-	+	+	+	1/1
1099-2	-1	31	12031	/	-	-	+	+	-	-	+	+	+	5/5	-1	34	11283	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	3	11715	/	-	-	+	+	-	-	+	+	+	3/5	-2	3	11013	/	-	-	+	+	-	-	+	+	+	3/3

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																									
	PSD													CFB												
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1272-1	-3	>150	188	/	+				+					0/5	-3	>150	183	/	+				+					0/5
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
1272-2	-3	>150	187	/	+				+					0/5	-3	>150	216	/	+				+					0/5
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
1273-1	-3	117	194	/	+				+					0/5	-3	>150	179	/	+				+					0/5
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
1273-2	-3	>150	180	/	+				+					0/5	-3	>150	179	/	+				+					0/5
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
1274-1	-3	>150	184	/	+				+					0/5	-3	>150	191	/	+				+					0/5
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
1274-2	-3	>150	202	/	+				+					0/5	-3	>150	183	/	+				+					0/5
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
1275-1	-3	>150	184	/	+				+					0/5	-3	>150	199	/	+				+					0/5
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																								
	PSD													CFB											
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1275-2	-3	>150	184	/	+				+					0/5	-3	>150	191	/	+				+					0/5
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
1276-1	-3	>150	213	/	+				+					0/5	-3	>150	215	/	+				+					0/5
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
1276-2	-3	>150	219	/	+				+					0/5	-3	>150	211	/	+				+					0/5
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
1301-1	-3	>150	211	/	+				+					0/5	-3	>150	232	/	+				+					0/5
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
1301-2	-3	>150	216	/	+				+					0/5	-3	>150	211	/	+				+					0/5
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
					+				+										+				+					
1399-1	-1	134	10130	/	-	-	+	+	-	-	+	+	+*	5/5	-1	159	9966	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+			
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+			
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+			
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+*			
	-2	15	10188	/	-	-	+	+	-	-	+	+	+*	5/5	-2	8	9872	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+			
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+			
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+			
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+			

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																							
	PSD													CFB										
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1399-2	-1	154	11443	/	-	-	+	+	-	-	+	+	+*	5/5	-1	161	10684	/	-	-	+	+	-	-	+	+	+*	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+*	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+*	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+*	
	-2	11	10432	/	-	-	+	+	-	-	+	+	+	5/5	-2	7	10968	/	-	-	+	+	-	-	+	+	+*	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+*	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
1400-1	-1	72	11079	/	-	-	+	+	-	-	+	+	+	5/5	-1	98	9742	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	2	8799	/	-	-	+	+	-	-	+	+	+	2/2	-2	6	11334	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
																			-	-	+	+	-	-	+	+	+	
																			-	-	+	+	-	-	+	+	+	
1400-2	-1	100	10663	/	-	-	+	+	-	-	+	+	+	5/5	-1	118	10180	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+*	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+*	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	1	8018	/	-	-	+	+	-	-	+	+	+	1/1	-2	9	11338	/	-	-	+	+	-	-	+	+	+	5/5
																			-	-	+	+	-	-	+	+	+	
																			-	-	+	+	-	-	+	+	+	
																			-	-	+	+	-	-	+	+	+	
																			-	-	+	+	-	-	+	+	+	
1401-1	-1	6	11037	/	-	-	+	+	-	-	+	+	+*	5/5	-1	9	11555	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+*						-	-	+	+	-	-	+	+	+	
																			-	-	+	+	-	-	+	+	+	
	-2	0	/	/										/	-2	2	11064	/	-	-	+	+	-	-	+	+	+	2/2

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																								
	PSD													CFB											
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1401-2	-1	12	11347	/	-	-	+	+	-	-	+	+	+	5/5	-1	7	11466	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	1	9214	/	-	-	+	+	-	-	+	+	+	1/1	-2	2	7302	/	-	-	+	+	-	-	+	+	+	2/2
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
1411-2	-1	2	11308	/	-	-	+	+	-	-	+	+	+	-1	0	/	/	/										
					-	-	+	+	-	-	+	+	+															
1412-1	-1	47	10583	/	-	-	+	+	-	-	+	+	+	5/5	-1	73	11120	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	9	10590	/	-	-	+	+	-	-	+	+	+	5/5	-2	2	10930	/	-	-	+	+	-	-	+	+	+	2/2
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																							
	PSD												CFB											
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1412-2	-1	34	10677	/	-	-	+	+	-	-	+	+	+	5/5	-1	27	10979	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	4	11239	/	-	-	+	+	-	-	+	+	+	4/4	-2	1	3496	/	-	-	+	+	-	-	+	+	+	1/1
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
1413-1	-2	77	11489	/	-	-	+	+	-	-	+	+	+	5/5	-2	66	6724	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-3	14	10970	/	-	-	+	+	-	-	+	+	+	5/5	-3	12	10426	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
1413-2	-2	140	10112	/	-	-	+	+	-	-	+	+	+	5/5	-2	64	10144	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-3	11	10935	/	-	-	+	+	-	-	+	+	+	5/5	-3	5	10934	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
																			-	-	+	+	-	-	+	+	+	
																			-	-	+	+	-	-	+	+	+	
1414-1	-1	466	/	/										/	-1	263	10694	/	-	-	+	+	-	-	+	+	+	5/5
																			-	-	+	+	-	-	+	+	+	
																			-	-	+	+	-	-	+	+	+	
	-2	49	10893	/	-	-	+	+	-	-	+	+	+	5/5	-2	23	10878	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																							
	PSD													CFB										
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1414-2	-1	354	11682	/	-	-	+	+	-	-	+	+	+*	5/5	-1	565	/	/										/
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
	-2	31	10646	/	-	-	+	+	-	-	+	+	+	5/5	-2	58	10873	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
1415-1	-1	34	10010	/	-	-	+	+	-	-	+	+	+	5/5	-1	60	10053	/	-	-	+	+	-	-	+	+	+*	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	6	10562	/	-	-	+	+	-	-	+	+	+	5/5	-2	3	11446	/	-	-	+	+	-	-	+	+	+	3/3
					-	-	+	+	-	-	+	+	+															
					-	-	+	+	-	-	+	+	+															
1415-2	-1	60	9682	/	-	-	+	+	-	-	+	+	+	5/5	-1	79	9292	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	7	9803	/	-	-	+	+	-	-	+	+	+	5/5	-2	9	9127	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
1416-1	-1	136	10288	/	-	-	+	+	-	-	+	+	+	5/5	-1	116	9865	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	12	10320	/	-	-	+	+	-	-	+	+	+	5/5	-2	17	9750	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																								
	PSD													CFB											
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1416-2	-1	114	9698	/	-	-	+	+	-	-	+	+	+*	5/5	-1	98	9370	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
	-2	16	9662	/	-	-	+	+	-	-	+	+	+	5/5	-2	12	9453	/	-	-	+	+	-	-	+	+	+	5/5
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
					-	-	+	+	-	-	+	+	+						-	-	+	+	-	-	+	+	+	
1435-1	-3	42	188	/	+									0/5	-3	60	184	/	+									0/5
					+														+									
					+														+									
					+														+									
					+														+									
1435-2	-3	55	216	/	+									0/5	-3	56	184	/	+									0/5
					+														+									
					+														+									
					+														+									
					+														+									
1436-1	-1	27	195	/	+									0/5	-1	12	188	/	+									0/5
					+														+									
					+														+									
					+														+									
					+														+									
	-2	3	184	/	+									0/5	-2	0	/	/										/
					+																							
					+																							
					+																							
					+																							
1436-2	-1	127	190	/	+									0/5	-1	7	187	/	+									0/5
					+														+									
					+														+									
					+														+									
					+														+									
	-2	6	199	/	+									0/5	-2	1	187	/	+									0/5
					+														+									
					+														+									
					+														+									
					+														+									

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																									
	PSD													CFB												
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1437-1	-3	36	191	/	+									0/5	-3	22	184	/	+									0/5
					+														+									
					+														+									
					+														+									
					+														+									
1437-2	-3	57	188	/	+									0/5	-3	25	185	/	+									0/5
					+														+									
					+														+									
					+														+									
					+														+									
1438-1	-2	136	182	/	+									0/5	-2	110	204	/	+									0/5
					+														+									
					+														+									
	-3	14	401	/	+									0/5	-3	16	201	/	+									0/5
					+														+									
					+														+									
1438-1	-2	123	192	/	+									0/5	-2	177	197	/	+									0/5
					+														+									
					+														+									
	-3	14	210	/	+									0/5	-3	28	191	/	+									0/5
					+														+									
					+														+									
8641	-2	36	8822	+	-	-	+	+	-		+	+	+	5/5	-2	15	9422	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-3	5	8491	+	-	-	+	+	-		+	+	+	5/5	-3	2	9792	+	-	-	+	+	-		+	+	+	2/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+															
				+	-	-	+	+	-		+	+	+															

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																											
	PSD													CFB														
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H							24H	72H	24H	72H	40-48H	40-48H		24H	72H	
8642	-3	80	8534	+	-	-	+	+	-		+	+	+	5/5	-3	39	8607	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-4	17	8628	+	-	-	+	+	-		+	+	+	5/5	-4	8	8235	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
8643	-3	153	8803	+	-	-	+	+	-		+	+	+	5/5	-3	92	8485	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-4	24	9121	+	-	-	+	+	-		+	+	+	5/5	-4	4	9260	+	-	-	+	+	-		+	+	+	4/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+															
8644	-1	11	8572	+	-	-	+	+	-		+	+	+	5/5	-1	1	4508	+	-	-	+	+	-		+	+	+	1/5
				+	-	-	+	+	-		+	+	+															
				+	-	-	+	+	-		+	+	+															
				+	-	-	+	+	-		+	+	+															
				+	-	-	+	+	-		+	+	+															
	-2	0	/											/	-2	0	/												/
8645	-1	11	8502	+	-	-	+	+	-		+	+	+	5/5	-1	24	8392	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-2	0	/											/	-2	6	8552	+	-	-	+	+	-		+	+	+	5/5
																		+	-	-	+	+	-		+	+	+	
																		+	-	-	+	+	-		+	+	+	
																		+	-	-	+	+	-		+	+	+	
																		+	-	-	+	+	-		+	+	+	

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																									
	PSD													CFB												
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
8646	-1	5	9540	+	-	-	+	+	-		+	+	+	5/5	-1	3	8950	+	-	-	+	+	-		+	+	+	3/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+														
				+	-	-	+	+	-		+	+	+														
	-2	0	/											/	-2	2	7680	+	-	-	+	+	-		+	+	+	2/5
																		+	-	-	+	+	-		+	+	+	
8647	-1	10	9684	+	-	-	+	+	-		+	+	+	5/5	-1	9	8517	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-2	1	9256	+	-	-	+	+	-		+	+	+	1/5	-2	2	8969	+	-	-	+	+	-		+	+	+	2/5
																		+	-	-	+	+	-		+	+	+	
757	-1	59	8314	+	-	-	+	+	-		+	+	+	5/5	-1	38	8303	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-2	6	8113	+	-	-	+	+	-		+	+	+	5/5	-2	5	8456	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
758	-2	32	8445	+	-	-	+	+	-		+	+	+	5/5	-2	24	8139	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-3	3	8170	+	-	-	+	+	-		+	+	+	3/3	-3	2	8062	+	-	-	+	+	-		+	+	+	2/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+														

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																									
	PSD													CFB												
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
759	-3	20	8461	+	-	-	+	+	-		+	+	+	5/5	-3	22	8325	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-4	2	8258	+	-	-	+	+	-		+	+	+	2/2	-4	1	8479	+	-	-	+	+	-		+	+	+	1/1
				+	-	-	+	+	-		+	+	+															
760	-1	23	8484	+	-	-	+	+	-		+	+	+	5/5	-1	5	8100	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-2	2	8415	+	-	-	+	+	-		+	+	+	2/2	-2	1	8285	+	-	-	+	+	-		+	+	+	1/5
				+	-	-	+	+	-		+	+	+															
761	-1	12	8352	+	-	-	+	+	-		+	+	+	5/5	-1	15	8341	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-2	2	8307	+	-	-	+	+	-		+	+	+	2/2	-2	4	8397	+	-	-	+	+	-		+	+	+	4/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
762	-2	14	8249	+	-	-	+	+	-		+	+	+	5/5	-2	17	8356	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-3	2	8446	+	-	-	+	+	-		+	+	+	2/2	-3	1	8364	+	-	-	+	+	-		+	+	+	1/5
				+	-	-	+	+	-		+	+	+															

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																									
	PSD													CFB												
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
939	-1	29	8869	+	-	-	+	+	-		+	+	+	5/5	-1	36	8676	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-2	2	9001	+	-	-	+	+	-		+	+	+	2/2	-2	4	8756	+	-	-	+	+	-		+	+	+	4/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
																		+	-	-	+	+	-		+	+	+	
																		+	-	-	+	+	-		+	+	+	
940	-2	38	9158	+	-	-	+	+	-		+	+	+	5/5	-2	35	9162	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-3	3	9383	+	-	-	+	+	-		+	+	+	3/5	-3	4	9206	+	-	-	+	+	-		+	+	+	4/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
																		+	-	-	+	+	-		+	+	+	
941	-2	22	8729	+	-	-	+	+	-		+	+	+	5/5	-2	37	8484	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-3	0	/											/	-3	0	/											

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																									
	PSD													CFB												
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
942	-2	15	9023	+	-	-	+	+	-		+	+	+	5/5	-2	13	9021	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-3	0												/	-3	2	8709	+	-	-	+	+	-		+	+	+	2/5
																		+	-	-	+	+	-		+	+	+	
943	-2	64	8470	+	-	-	+	+	-		+	+	+	5/5	-3	23	9044	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-3	9	8876	+	-	-	+	+	-		+	+	+	5/5	-4	2	8878	+	-	-	+	+	-		+	+	+	2/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+														
				+	-	-	+	+	-		+	+	+														
				+	-	-	+	+	-		+	+	+														

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																									
	PSD													CFB												
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1417	-1	9	8665	+	-	-	+	+	-		+	+	+	5/5	-1	1	133	-	+	+	+	+	-		-	-	-	0/1
				+	-	-	+	+	-		+	+	+															
				+	-	-	+	+	-		+	+	+															
				+	-	-	+	+	-		+	+	+															
				+	-	-	+	+	-		+	+	+															
	-2	0	/											/	-2	0	/											/
1418	-1	4	132	-	-	+	+	+	-		-	-	-	0/5	-1	5	253	-	+	+	+	+	-		+	-	-	2/5
				-	-	+	+	+	-		-	-	-				8655	+	-	-	+	+	-		+	+	+	
				-	-	+	+	+	-		-	-	-				1446	-	+	+	+	+	-		+	-	-	
				-	-	+	+	+	-		-	-	-				8690	+	-	-	+	+	-		+	+	+	
																	5798	-	+	+	+	+	-		+	-	-	
	-2	0	/											/	-2	0	/											/
1419	-1	17 (large)	8843	+	-	-	+	+	-		+	+	+	5/5	-1	38 (large)	8740	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
		>150 (small)	137	-	+	+	+	+	-		+	-	-	0/5		>150 (small)	134	-	+	+	+	+	-		+	-	-	0/5
				-	+	+	+	+	-		+	-	-					-	+	+	+	+	-		+	-	-	
				-	+	+	+	+	-		+	-	-					-	+	+	+	+	-		+	-	-	
				-	+	+	+	+	-		+	-	-					-	+	+	+	+	-		+	-	-	
				-	+	+	+	+	-		+	-	-					-	+	+	+	+	-		+	-	-	
	-2	3 (large)	9029	+	-	-	+	+	-		+	+	+	3/3	-2	3 (large)	8865	+	-	-	+	+	-		+	+	+	3/3
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
		43 (small)	146	-	+	+	+	+	-		+	-	-	0/5		128 (small)	133	-	+	+	+	+	-		+	-	-	0/5
				-	+	+	+	+	-		+	-	-					-	+	+	+	+	-		+	-	-	
				-	+	+	+	+	-		+	-	-					-	+	+	+	+	-		+	-	-	
				-	+	+	+	+	-		+	-	-					-	+	+	+	+	-		+	-	-	

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																									
	PSD													CFB												
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1420	-1	115 (large)	8463	+	-	-	+	+	-		+	+	+	5/5	-1	40 (large)	8293	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
		>150 (small)	273	-	-	-	+	+	-		+	-	-	0/5		>150 (small)	152	-	-	-	+	+	-		+	-	-	0/5
				-	-	-	+	+	-		+	-	-				619	-	-	-	+	+	-		+	-	-	
				-	-	-	+	+	-		+	-	-				8495	-	+	+	+	+	-		+	-	-	
				-	-	-	+	+	-		+	-	-				9274	-	+	+	+	+	-		+	-	-	
				-	-	-	+	+	-		+	-	-				8349	-	+	+	+	+	-		+	-	-	
	-2	19 (large)	8421	+	-	-	+	+	-		+	+	+	5/5	-2	4 (large)	8415	+	-	-	+	+	-		+	+	+	4/4
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+														
		25 (small)	188	+d	-	+	+	+	-		+	-	-	0/5		16 (small)	363	-	-	-	+	+	-		+	-	-	0/5
				+d	-	+	+	+	-		+	-	-					-	-	-	+	+	-		+	-	-	
				-	-	-	+	+	-		+	-	-					-	-	-	+	+	-		+	-	-	
				-	-	-	+	+	-		+	-	-					-	-	-	+	+	-		+	-	-	
				+d	-	+	+	+	-		+	-	-					-	-	-	+	+	-		+	-	-	
1421	-2	47	8439	+	-	-	+	+	-		+	+	+	5/5	-2	58	8470	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-3	7	8710	+	-	-	+	+	-		+	+	+	5/5	-3	4	9365	+	-	-	+	+	-		+	+	+	1/4
				+	-	-	+	+	-		+	+	+					-	-	-	+	+	-		+	-	-	
				+	-	-	+	+	-		+	+	+					-	-	-	+	+	-		+	-	-	
				+	-	-	+	+	-		+	+	+					-	-	-	+	+	-		+	-	-	
				+	-	-	+	+	-		+	+	+														

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																									
	PSD													CFB												
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1422	-2	28 (large)	9012	+	-	-	+	+	-		+	+	+	5/5	-2	79 (large)	9427	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
		>150 (small)	904	-	-	-	+	+	-		+	-	-	0/5		/	/											/
			249	-	-	-	+	+	-		+	-	-															
			566	-	-	-	+	+	-		+	-	-															
			274	-	-	-	+	+	-		+	-	-															
			185	-	-	-	+	+	-		+	-	-															
	-3	3 (large)	9959	+	-	-	+	+	-		+	+	+	3/3	-3	7 (large)	9208	+	-	-	+	+	-		+	+	+	3/3
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
		25 (small)	214	-	-	-	+	+	-		+	-	-	0/5		/	/											/
			207	-	-	-	+	+	-		+	-	-															
			484	-	-	-	+	+	-		+	-	-															
			896	-	-	-	+	+	-		+	-	-															
			246	-	-	-	+	+	-		+	-	-															
1538	-1	51	8496	+	-	-	+	+	-		+	+	+	5/5	-1	27	8479	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-2	1	8651	+	-	-	+	+	-		+	+	+	1/1	-2	8	8603	+	-	-	+	+	-		+	+	+	5/5
																		+	-	-	+	+	-		+	+	+	
																		+	-	-	+	+	-		+	+	+	
																		+	-	-	+	+	-		+	+	+	
																		+	-	-	+	+	-		+	+	+	
1752	-3	38	8165	+	-	-	+	+	-		+	+	+	5/5	-3	39	8384	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-4	4	8326	+	-	-	+	+	-		+	+	+	4/4	-4	1	8265	+	-	-	+	+	-		+	+	+	1/1
				+	-	-	+	+	-		+	+	+															
				+	-	-	+	+	-		+	+	+															
				+	-	-	+	+	-		+	+	+															

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																								
	PSD													CFB											
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
3116	-1	4	9727	+	-	-	+	+	-		+	+	+	4/4	-1	4	10088	+	-	-	+	+	-		+	+	+	4/4
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-2	0	/											/	-2	0	/											/
3117	-2	6	890	+	-	-	+	+	-		+	+	+	5/5	-2	6	573	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-3	0	/											/	-3	1	9750	+	-	-	+	+	-		+	+	+	1/1
3118	-3	51	8653	+	-	-	+	+	-		+	+	+	5/5	-3	78	9893	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-4	6	9528	+	-	-	+	+	-		+	+	+	5/5	-4	11	9702	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
3121	-1	31	8785	+	-	-	+	+	-		+	+	+	5/5	-1	30	8498	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-2	3	10171	+	-	-	+	+	-		+	+	+	3/3	-2	2	9756	+	-	-	+	+	-		+	+	+	2/2
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+														

MICROVAL® NEN

Sample N°	Alternative method : CampyFood Agar (CFA)																									
	PSD													CFB												
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1068-1	-2	38	11234	/	-	-	+	+	-	-	+	+	+	3/5	-2	63	11900	/	+	+	+	+	+	+	-			4/5
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	+	+	+	+										/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	+	+	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
	-3	4	10930	/	-	-	+	+	-	-	+	+	+	3/4	-3	4	11865	/	-	-	+	+	-	-	+	+	+	4/4
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	+	+	+	+										/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/														/										
1068-2	-2	33	11848	/	-	-	+	+	-	-	+	+	+	4/5	-2	38	11662	/	-	-	+	+	-	-	+	+	+	5/5
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	+	+	+	+										/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
	-3	3	11794	/	-	-	+	+	-	-	+	+	+	3/3	-3	2	11510	/	-	+	+	+	+	+	-			1/2
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/														/										
				/														/										
1084-1	-2	38	10866	/	-	-	+	+	-	-	+	+	+	5/5	-2	48	11337	/	-	-	+	+	-	-	+	+	+	5/5
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
	-3	5	11910	/	-	-	+	+	-	-	+	+	+	5/5	-3	6	11818	/	-	-	+	+	-	-	+	+	+	5/5
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
1084-2	-2	51	11893	/	-	-	+	+	-	-	+	+	+	5/5	-2	52	11070	/	-	-	+	+	-	-	+	+	+	5/5
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
	-3	10	11417	/	-	-	+	+	-	-	+	+	+	5/5	-3	5	10509	/	-	-	+	+	-	-	+	+	+	5/5
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	

MICROVAL® NEN

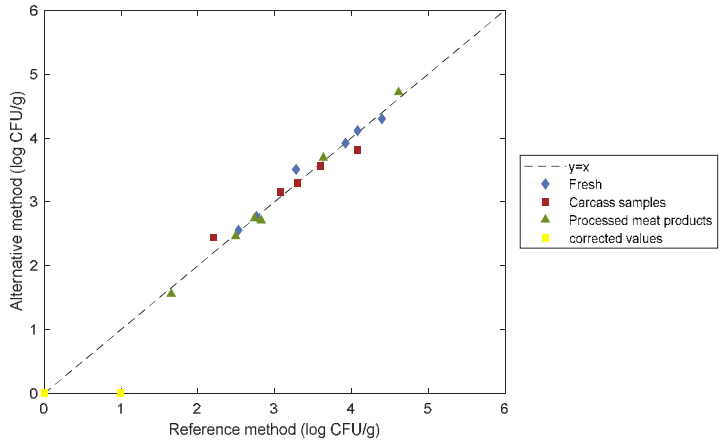
Sample N°	Alternative method : CampyFood Agar (CFA)																									
	PSD													CFB												
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H						24H	72H	24H	72H	40-48H	40-48H		24H	72H	
1407-1	-1	31	9687	/	-	-	+	+	-	-	+	+	+	5/5	-1	16	9144	/	-	-	+	+	-	-	+	+	+	5/5
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
	-2	1	8036	/	-	-	+	+	-	-	+	+	+	1/1	-2	3	11052	/	-	-	+	+	-	-	+	+	+	3/3
				/														/	-	-	+	+	-	-	+	+	+	
				/														/	-	-	+	+	-	-	+	+	+	
				/														/										
				/														/										
1407-2	-1	26	9417	/	-	-	+	+	-	-	+	+	+	5/5	-1	29	10506	/	-	-	+	+	-	-	+	+	+	5/5
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
	-2	5	9532	/	-	-	+	+	-	-	+	+	+	5/5	-2	3	11858	/	-	-	+	+	-	-	+	+	+	3/3
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/	-	-	+	+	-	-	+	+	+	
				/	-	-	+	+	-	-	+	+	+					/										
				/	-	-	+	+	-	-	+	+	+					/										
4720	-2	16	9364	+	-	-	+	+	-		+	+	+	5/5	-2	12	9339	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-3	5	9945	+	-	-	+	+	-		+	+	+	5/5	-3	3	10256	+	-	-	+	+	-		+	+	+	3/3
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+										
				+	-	-	+	+	-		+	+	+					+										

Sample N°	Alternative method : CampyFood Agar (CFA)																										
	PSD													CFB													
	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic conditions 41,5°C	Oxidase test	Microscopic observation		Confirmed/ Tested	Dilution	Enumerated colonies	VIDAS CAM	Latex test	Growth in aerobic conditions 41,5°C (streaking)		Growth in microaerobic conditions 41,5°C		Growth in microaerobic conditions 25°C (aerobic condition for renewal study)	Growth in aerobic condition 41,5°C	Oxidase test	Microscopic observation		Confirmed/tested
					24H	72H	24H	72H	40-48H	40-48H		24H	72H							24H	72H	24H	72H	40-48H	40-48H		24H	72H	
4721	-3	99	8756	+	-	-	+	+	-		+	+	+	5/5	-3	71	8763	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
	-4	10	9307	+	-	-	+	+	-		+	+	+	5/5	-4	8	8779	+	-	-	+	+	-		+	+	+	5/5
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	
				+	-	-	+	+	-		+	+	+					+	-	-	+	+	-		+	+	+	

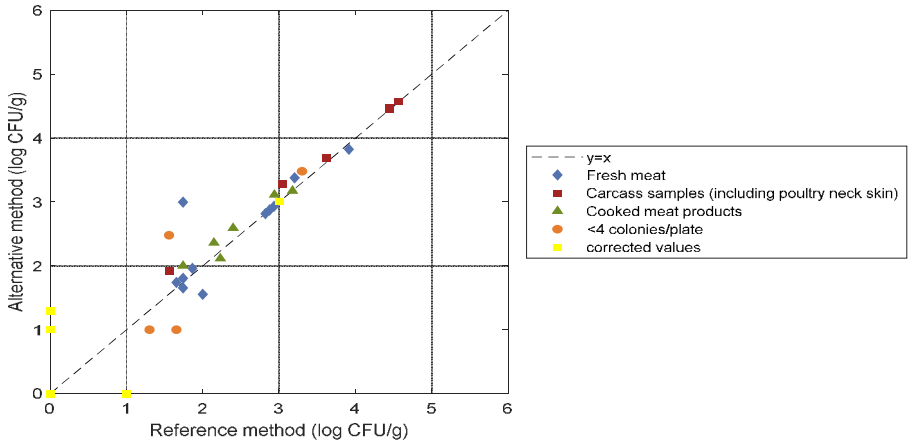
Appendix 5 - Relative trueness study: data plotted for each category

PSD – ISO or simplified confirmation protocol

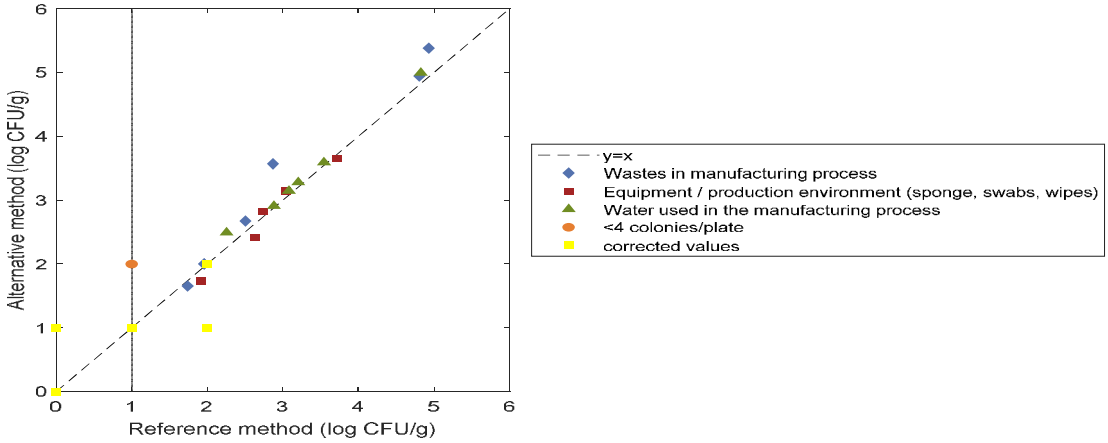
Meat and meat products (except poultry)



Poultry and poultry products

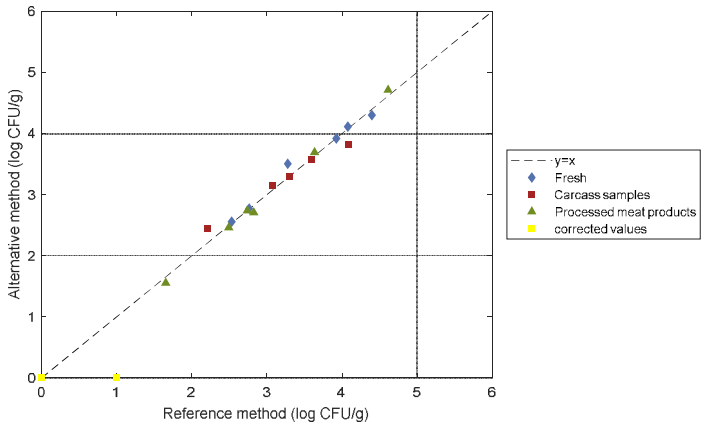


Environmental samples

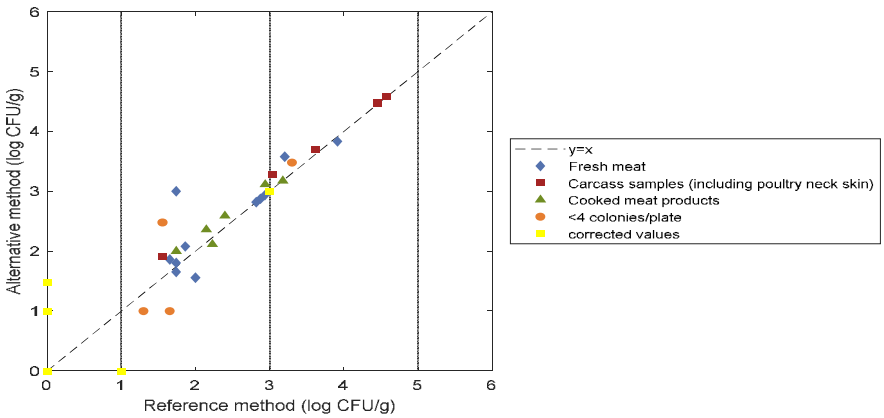


PSD – VIDAS CAM confirmation protocol

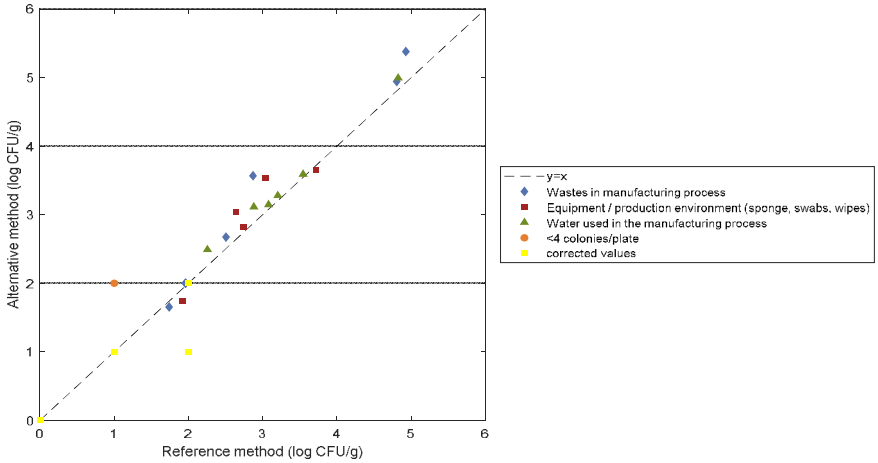
Meat and meat products (except poultry)



Poultry and poultry products

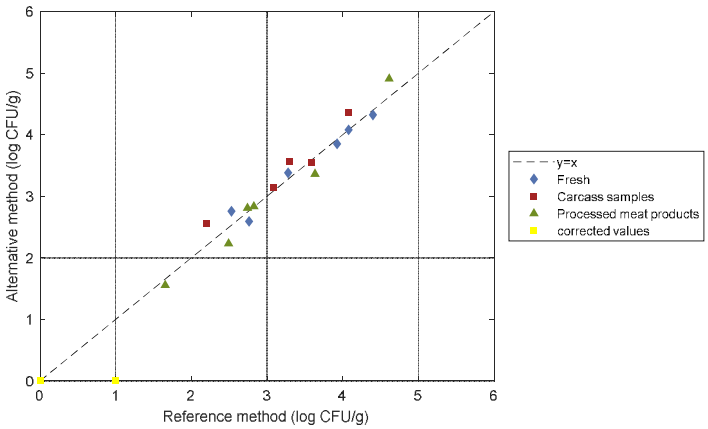


Environmental samples

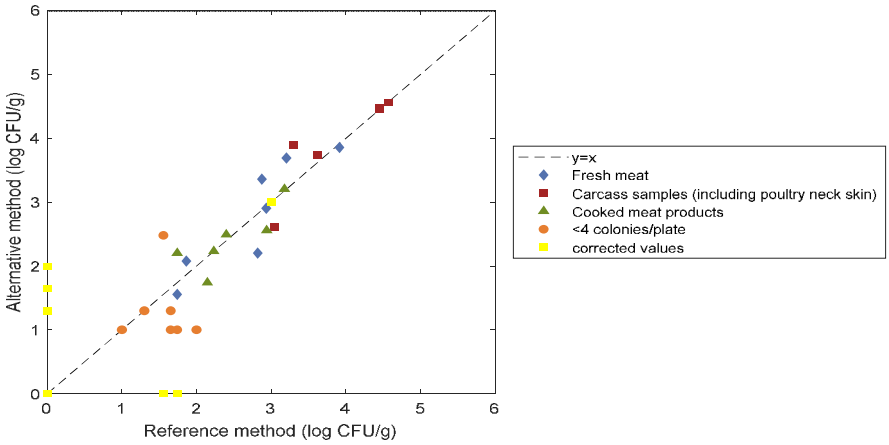


CFB – ISO or simplified confirmation protocol

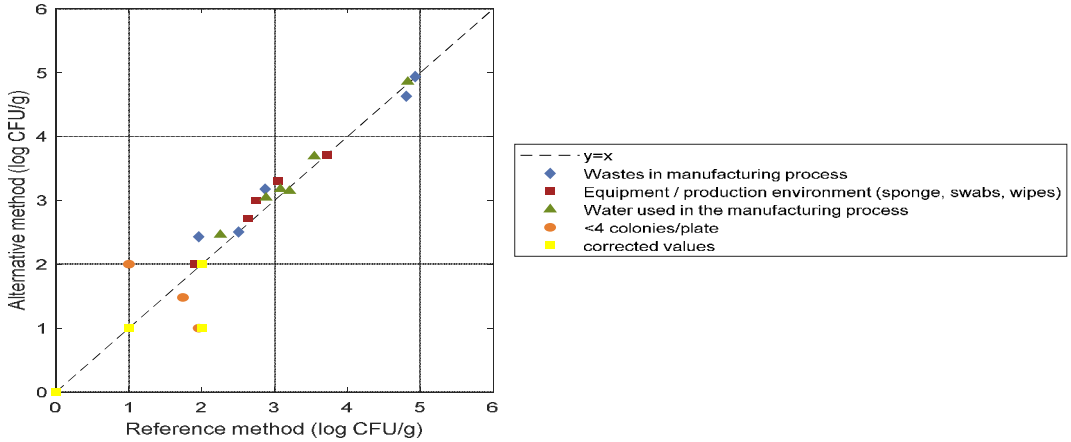
Meat and meat products (except poultry)



Poultry and poultry products

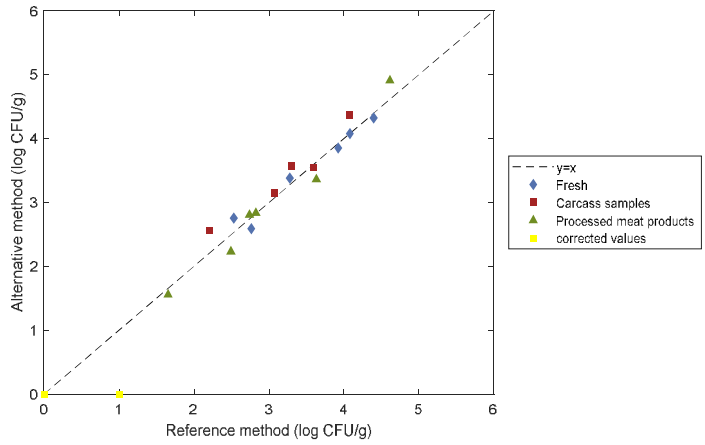


Environmental samples

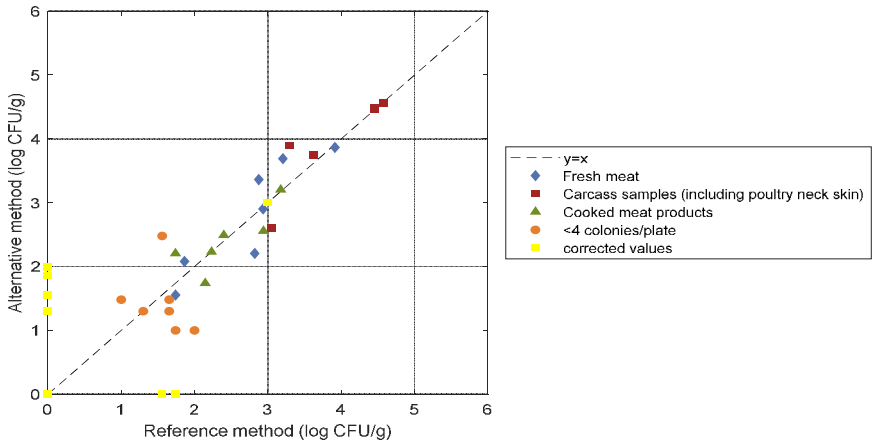


CFB – VIDAS CAM confirmation protocol

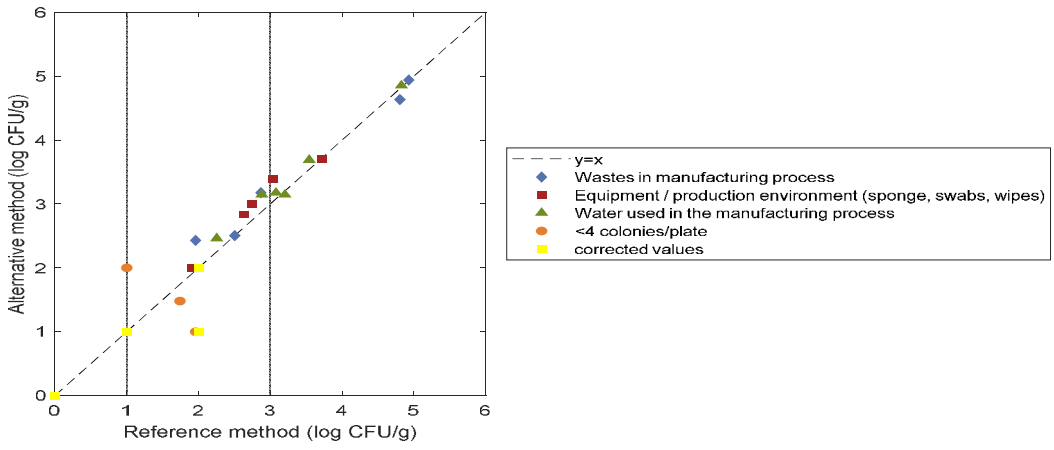
Meat and meat products (except poultry)



Poultry and poultry products



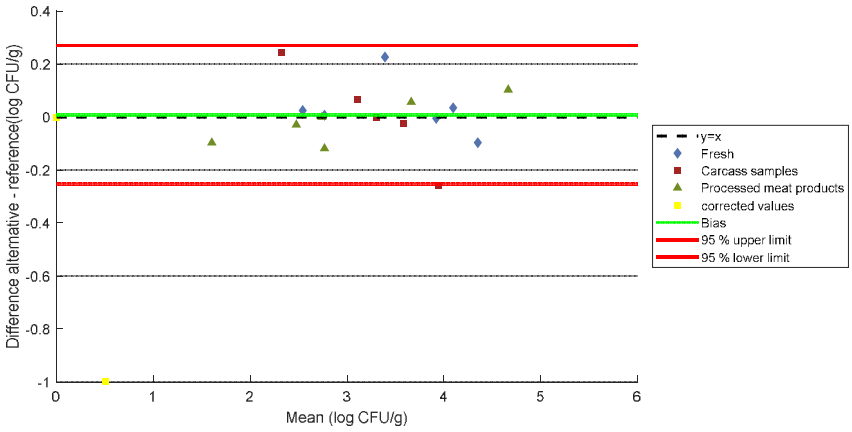
Environmental samples



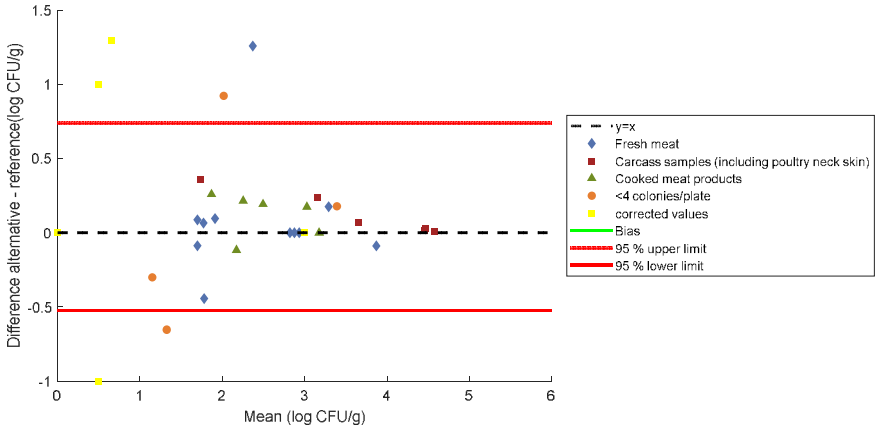
Appendix 6 - Relative trueness study: Bland-Altman for each category

PSD – ISO or simplified confirmation protocol

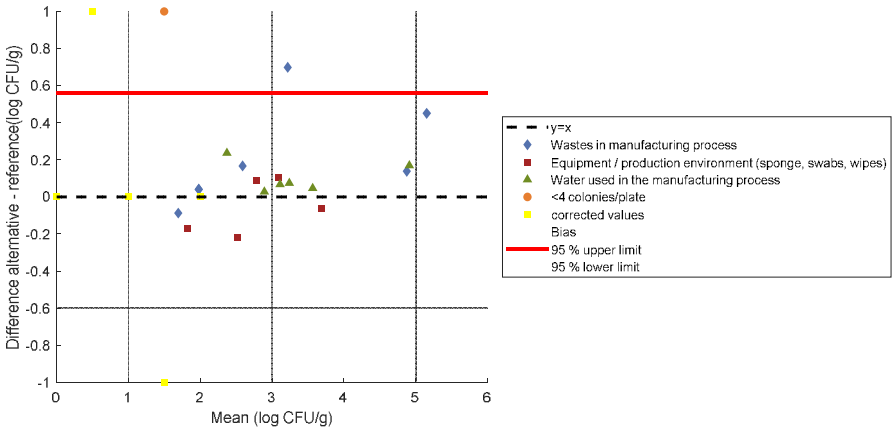
Meat and meat products (except poultry)



Poultry and poultry products

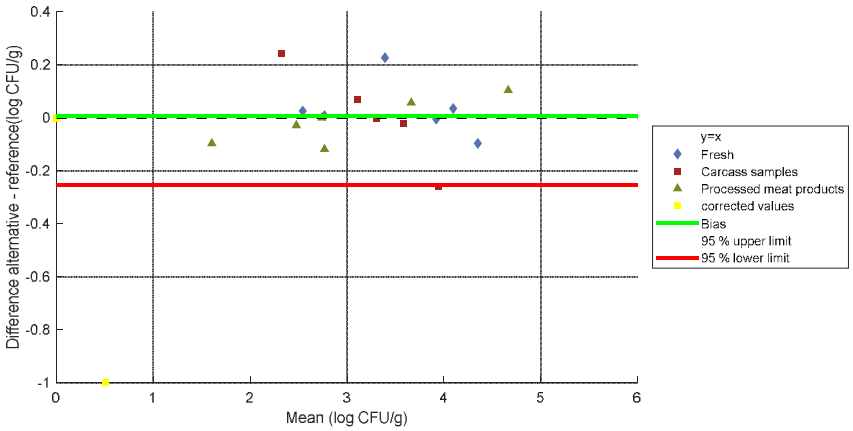


Data plotted for Environmental samples

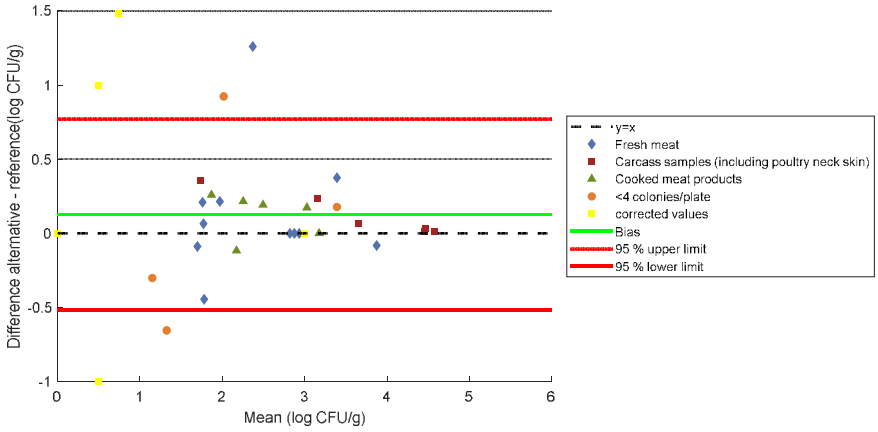


PSD – VIDAS CAM confirmation protocol

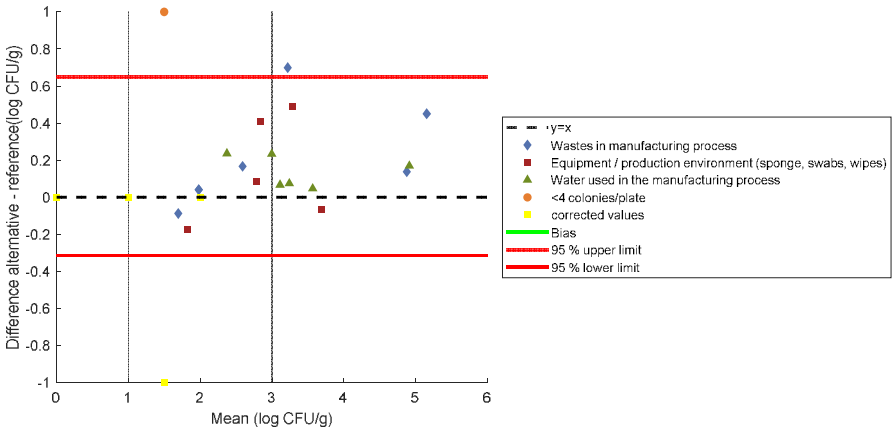
Meat and meat products (except poultry)



Poultry and poultry products

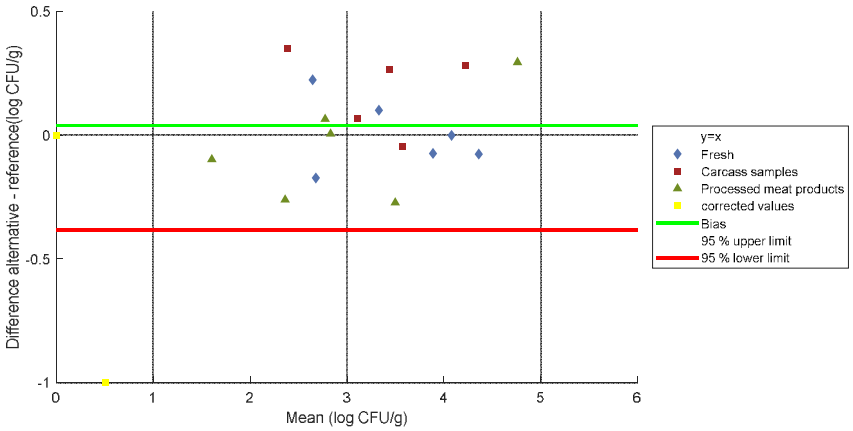


Environmental samples

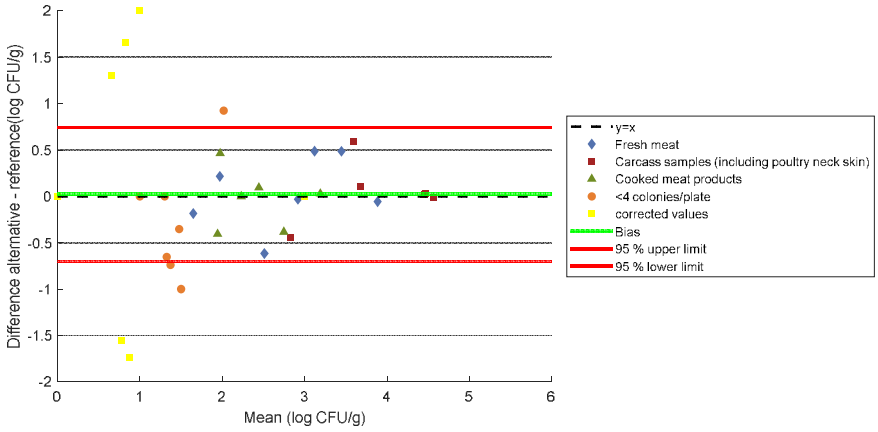


CFB – ISO or simplified confirmation protocol

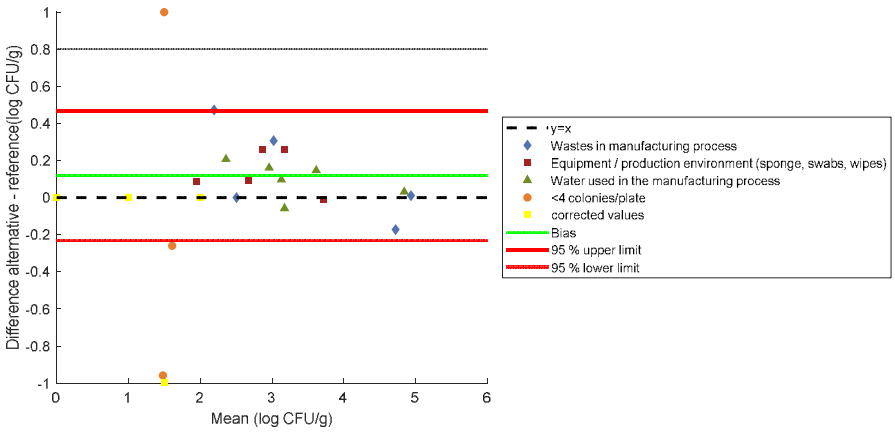
Meat and meat products (except poultry)



Poultry and poultry products

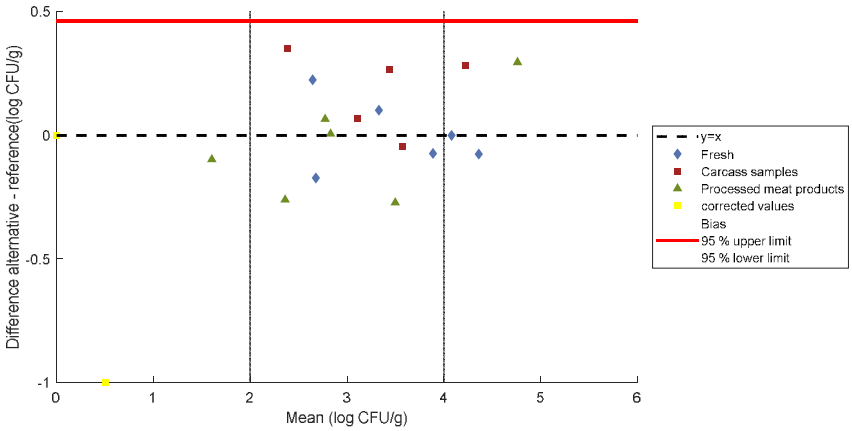


Environmental samples

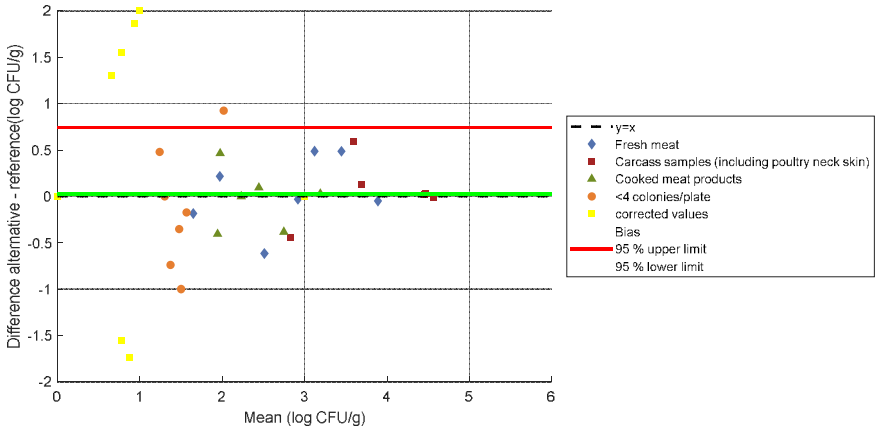


CFB – VIDAS CAM confirmation protocol

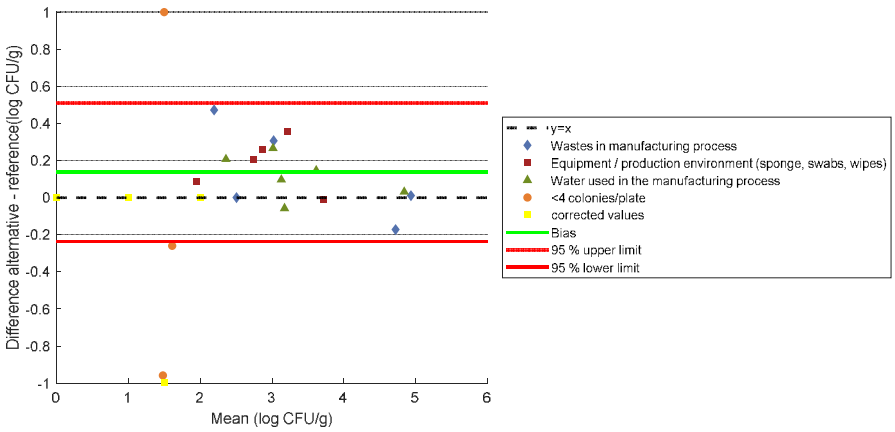
Meat and meat products (except poultry)



Poultry and poultry products



Environmental samples



Appendix 7 - Accuracy profile: raw data

ISO 7218 (2024) changes

Values in red: dilution inconsistency or above the quantification limit (not taken into account)

* Enumeration less than 4 colonies

Matrix	Strain	Level	Sample N°	Reference method: ISO 10272-2 ♦				Alternative method : CampyFood Agar							
								PSD				CFB			
				Dilution	cfu/ plate	cfu/g	log cfu/g	Dilution	cfu/ plate	cfu/g	log cfu/g	Dilution	cfu/ plate	cfu/g	log cfu/g
Duck pâté Batch 1 Aerobic mesophilic flora : 9.5x10⁴ CFU/g	*Campylobacter jejuni* Ad1015	1	9313	10	15	150	2.18	10	11	120	2.08	10	18	180	2.26
				100	1			100	2			100	2		
			9314	10	12	110	2.04	10	16	150	2.18	10	15	160	2.20
				100	0			100	0			100	2		
			9315	10	11	100	2.00	10	15	140	2.15	10	12	120	2.08
				100	0			100	0			100	1		
			9316	10	11	100	2.00	10	17	160	2.20	10	15	160	2.20
				100	0			100	1			100	3		
			9317	10	12	130	2.11	10	11	110	2.04	10	19	210	2.32
				100	2			100	1			100	4		
		2	9318	10	88	880	2.94	10	112	1100	3.04	10	117	1200	3.08
				100	9			100	11			100	15		
			9319	10	86	930	2.97	10	82	900	2.95	10	156	1600	3.20
				100	16			100	17			100	16		
			9320	10	81	770	2.89	10	88	870	2.94	10	142	1400	3.15
				100	4			100	8			100	16		
			9321	10	88	880	2.94	10	93	930	2.97	10	106	1100	3.04
				100	9			100	9			100	13		
			9322	10	85	920	2.96	10	89	890	2.95	10	130	1300	3.11
				100	16			100	9			100	9		
		3	9323	100	42	4200	3.62	100	45	4600	3.66	100	109	11000	4.00
				1000	4			1000	6			1000	3		
			9324	100	48	4700	3.67	100	46	5100	3.71	100	89	9000	3.95
				1000	4			1000	10			1000	10		
			9325	100	62	6100	3.79	100	79	8300	3.92	100	69	7200	3.86
				1000	5			1000	12			1000	10		
			9326	100	76	7100	3.85	100	102	10000	4.00	100	184	18000	4.26
				1000	2			1000	9			1000	18		
			9327	100	69	6500	3.81	100	69	7400	3.87	100	138	13000	4.11
				1000	3			1000	12			1000	9		

Matrix	Strain	Level	Sample N°	Reference method: ISO 10272-2 ♦				Alternative method : CampyFood Agar							
								PSD				CFB			
				Dilution	cfu/ plate	cfu/g	log cfu/g	Dilution	cfu/ plate	cfu/g	log cfu/g	Dilution	cfu/ plate	cfu/g	log cfu/g
Duck pâté Batch 2 Aerobic mesophilic flora : $4.1x10^4$ CFU/g	*Campylobacter jejuni* Ad1015	1	9338	10	7	73	1.86	10	9	91	1.96	10	8	82	1.91
				100	1	Ne	Ne	100	1	Ne	Ne	100	1	Ne	Ne
			9339	10	6	64	1.81	10	5	45	1.65	10	6	55	1.74
				100	1	Ne	Ne	100	0	Ne	Ne	100	0	Ne	Ne
			9340	10	9	91	1.96	10	5	55	1.74	10	5	45	1.65
				100	1	Ne	Ne	100	1	Ne	Ne	100	0	Ne	Ne
			9341	10	4	36	1.56	10	4	36	1.56	10	6	73	1.86
				100	0	Ne	Ne	100	0	Ne	Ne	100	2	Ne	Ne
			9342	10	5	45	1.65	10	4	36	1.56	10	12	140	2.15
				100	0	Ne	Ne	100	0	Ne	Ne	100	3		
		2	9343	10	41	460	2.66	10	47	450	2.65	10	64	690	2.84
				100	9			100	2			100	12		
			9344	10	51	540	2.73	10	61	610	2.79	10	87	860	2.93
				100	8			100	6			100	8		
			9345	10	36	400	2.60	10	44	440	2.64	10	79	790	2.90
				100	8			100	4			100	8		
			9346	10	46	490	2.69	10	50	510	2.71	10	79	810	2.91
				100	8			100	6			100	10		
			9347	10	40	400	2.60	10	40	390	2.59	10	83	840	2.92
				100	4			100	3			100	9		
		3	9348	100	40	4200	3.62	100	55	5900	3.77	100	95	9500	3.98
				1000	6			1000	10			1000	10		
			9349	100	44	4500	3.65	100	51	5100	3.71	100	92	9000	3.95
				1000	5			1000	5			1000	7		
			9350	100	47	4500	3.65	100	46	4300	3.63	100	78	7400	3.87
				1000	3			1000	6			1000	3		
			9351	100	41	4100	3.61	100	47	5100	3.71	100	104	11000	4.04
				1000	4			1000	9			1000	17		
			9352	100	40	3700	3.57	100	41	4300	3.63	100	85	7900	3.90
				1000	1			1000	6			1000	2		

Matrix	Strain	Level	Sample N°	Reference method : ISO 10272-2♦				Alternative method : CampyFood Agar							
								PSD				CFB			
				Dilution	cfu/ plate	cfu/g	log cfu/g	Dilution	cfu/ plate	cfu/g	log cfu/g	Dilution	cfu/ plate	cfu/g	log cfu/g
Raw pork meat Batch 1 Aerobic mesophilic flora : 1.3x10⁴ CFU/g	*Campylobacter coli* Ad1972	1	8899	10	9	100	2.00	10	9	100	2.00	10	10	91	1.96
				100	2	Ne	Ne	100	2	Ne	Ne	100	0		
			8900	10	10	91	1.96	10	8	82	1.91	10	16	170	2.23
				100	0			100	1	Ne	Ne	100	3		
			8901	10	15	160	2.20	10	14	150	2.18	10	13	130	2.11
				100	2			100	2			100	1		
			8902	10	14	160	2.20	10	13	120	2.08	10	15	170	2.23
				100	3			100	0			100	4		
			8903	10	8	82	1.91	10	9	91	1.96	10	12	120	2.08
				100	1	Ne	Ne	100	1	Ne	Ne	100	1		
		2	8904	100	20	1900	3.28	100	20	1900	3.28	100	27	2500	3.40
				1000	1			1000	1			1000	1		
			8905	100	10	1000	3.00	100	14	1300	3.11	10	163	1500	3.18
				1000	1			1000	0			100	7		
			8906	100	19	1900	3.28	100	11	1100	3.04	100	18	1600	3.20
				1000	2			1000	1			1000	0		
			8907	100	12	1200	3.08	100	8	1000	3.00	100	11	1500	3.18
				1000	1			1000	3			1000	6		
			8908	100	17	1700	3.23	100	13	1300	3.11	100	18	1600	3.20
				1000	2			1000	1			1000	0		
		3	1508	100	123	12000	4.08	100	108	10000	4.00	100	62	6300	3.80
				1000	14			1000	7			1000	7		
			1509	100	112	11000	4.04	100	93	9100	3.96	100	63	6300	3.80
				1000	6			1000	7			1000	6		
			1510	100	125	13000	4.11	100	96	9400	3.97	100	93	9300	3.97
				1000	18			1000	7			1000	23		
			1511	100	141	14000	4.15	100	129	13000	4.11	100	99	9700	3.99
				1000	8			1000	17			1000	8		
			1512	100	102	10000	4.00	100	145	15000	4.18	100	87	9500	3.98
				1000	2			1000	25			1000	17		

Matrix	Strain	Level	Sample N°	Reference method : ISO 10272-2♦				Alternative method : CampyFood Agar							
								PSD				CFB			
				Dilution	cfu/ plate	cfu/g	log cfu/g	Dilution	cfu/ plate	cfu/g	log cfu/g	Dilution	cfu/ plate	cfu/g	log cfu/g
Raw pork meat Batch 2 Aerobic mesophilic flora : 1.3x10⁴ CFU/g	*Campylobacter coli* Ad1972	1	8914	10	14	140	2.15	10	11	110	2.04	10	24	240	2.38
				100	1			100	1			100	2		
			8915	10	10	110	2.04	10	8	82	1.91	10	16	160	2.20
				100	2			100	1	Ne	Ne	100	2		
			8916	10	17	170	2.23	10	12	130	2.11	10	10	100	2.00
				100	2			100	2			100	1		
			8917	10	7	64	1.81	10	16	160	2.20	10	20	200	2.30
				100	0	Ne	Ne	100	1			100	2		
			8918	10	11	120	2.08	10	10	100	2.00	10	16	160	2.20
				100	2			100	1			100	2		
		2	8919	10	137	1300	3.11	10	137	1400	3.15	100	14	1400	3.15
				100	8			100	4			1000	1		
			8920	10	113	1100	3.04	100	14	1300	3.11	100	26	2600	3.41
				100	6			1000	0			1000	3		
			8921	10	105	1000	3.00	100	12	1100	3.04	100	18	1700	3.23
				100	5			1000	0			1000	1		
			8922	10	125	1300	3.11	10	141	1400	3.15	100	16	1500	3.18
				100	14			100	9			1000	1		
			8923	10	90	900	2.95	100	13	1400	3.15	100	15	1500	3.18
				100	9			1000	2			1000	1		
		3	8924	100	94	9300	3.97	100	86	9100	3.96	100	96	9500	3.98
				1000	8			1000	14			1000	8		
			8925	100	67	6600	3.82	100	69	6600	3.82	100	112	11000	4.04
				1000	6			1000	4			1000	5		
			8926	100	69	7300	3.86	100	119	12000	4.08	100	145	15000	4.18
				1000	11			1000	17			1000	15		
			8927	100	57	5500	3.74	100	91	8600	3.93	100	111	11000	4.04
				1000	3			1000	4			1000	14		
			8928	100	39	4000	3.60	100	106	10000	4.00	100	123	12000	4.08
				1000	5			1000	5			1000	14		

Matrix	Strain	Level	Sample N°	Reference method : ISO 10272-2♦				Alternative method : CampyFood Agar							
								PSD				CFB			
				Dilution	cfu/ plate	cfu/g	log cfu/g	Dilution	cfu/plate	cfu/g	log cfu/g	Dilution	cfu/ plate	cfu/g	log cfu/g
Water used in manufacturing process Batch 1 Aerobic mesophilic flora: 3.6x10² CFU/g	*Campylobacter jejuni* Ad1000	1	1513	10	8	73	1.86	10	6	55	1.74	10	12	120	2.08
				100	0	Ne	Ne	100	0	Ne	Ne	100	1		
			1514	10	7	64	1.81	10	7	64	1.81	10	12	120	2.08
				100	0	Ne	Ne	100	0	Ne	Ne	100	1		
			1515	10	7	64	1.81	10	5	45	1.65	10	9	91	1.96
				100	0	Ne	Ne	100	0	Ne	Ne	100	1	Ne	Ne
			1516	10	7	64	1.81	10	6	55	1.74	10	8	73	1.86
				100	0	Ne	Ne	100	0	Ne	Ne	100	0	Ne	Ne
			1517	10	7	64	1.81	10	8	82	1.91	10	7	73	1.86
				100	0	Ne	Ne	100	1	Ne	Ne	100	1	Ne	Ne
			1518	100	11	1100	3.04	100	13	1300	3.11	100	12	1200	3.08
				1000	1			1000	1			1000	1		
			1519	100	12	1100	3.04	100	14	1400	3.15	100	12	1200	3.08
				1000	0			1000	1			1000	1		
		2	1520	100	13	1400	3.15	100	17	1700	3.23	100	18	1700	3.23
				1000	2			1000	2			1000	1		
			1521	100	18	1700	3.23	100	18	1700	3.23	100	14	1400	3.15
				1000	1			1000	1			1000	1		
			1522	100	19	1900	3.28	100	16	1600	3.20	100	12	1200	3.08
				1000	2			1000	2			1000	1		
		3	1273	100	51	5300	3.72	100	53	5700	3.76	100	60	5600	3.75
				1000	7			1000	10			1000	2		
			1274	100	54	5400	3.73	100	38	3700	3.57	100	55	5500	3.74
				1000	5			1000	3			1000	6		
			1275	100	37	3600	3.56	100	53	5100	3.71	100	56	5600	3.75
				1000	3			1000	3			1000	6		
			1276	100	40	3800	3.58	100	45	4500	3.65	100	37	3700	3.57
				1000	2			1000	4			1000	4		
			1277	100	36	3500	3.54	100	68	7000	3.85	100	53	5100	3.71
				1000	3			1000	9			1000	3		

Matrix	Strain	Level	Sample N°	Reference method : ISO 10272-2♦				Alternative method : CampyFood Agar							
								PSD				CFB			
				Dilution	cfu/ plate	cfu/g	log cfu/g	Dilution	cfu/plate	cfu/g	log cfu/g	Dilution	cfu/ plate	cfu/g	log cfu/g
Water used in manufacturing process Batch 2 Aerobic mesophilic flora : 1.7x10³ CFU/g	*Campylobacter jejuni* Ad1000	1	1523	10	7	73	1.86	10	8	82	1.91	10	7	64	1.81
				100	1	Ne	Ne	100	1	Ne	Ne	100	0	Ne	Ne
			1524	10	8	73	1.86	10	7	73	1.86	10	11	110	2.04
				100	0	Ne	Ne	100	1	Ne	Ne	100	1		
			1525	10	7	73	1.86	10	8	100	2.00	10	8	82	1.91
				100	1	Ne	Ne	100	3	Ne	Ne	100	1	Ne	Ne
			1526	10	8	82	1.91	10	10	100	2.00	10	10	110	2.04
				100	1	Ne	Ne	100	1			100	2		
			1527	10	8	82	1.91	10	10	100	2.00	10	12	140	2.15
				100	1	Ne	Ne	100	1			100	3		
		2	1754	10	39	370	2.57	10	39	430	2.63	10	33	310	2.49
				100	2			100	8			100	1		
			1755	10	37	390	2.59	10	43	410	2.61	10	36	340	2.53
				100	6			100	2			100	1		
			1756	10	40	370	2.57	10	42	390	2.59	10	31	320	2.51
				100	1			100	1			100	4		
			1757	10	39	360	2.56	10	41	380	2.58	10	30	320	2.51
				100	1			100	1			100	5		
			1758	10	37	370	2.57	10	38	360	2.56	10	36	340	2.53
				100	4			100	1			100	1		
		3	1533	100	49	5100	3.71	100	68	6600	3.82	100	36	4200	3.62
				1000	7			1000	5			1000	10		
			1534	100	114	11000	4.04	100	115	12000	4.08	100	65	6100	3.79
				1000	5			1000	16			1000	2		
			1535	100	40	3900	3.59	100	76	7800	3.89	100	35	3900	3.59
				1000	3			1000	10			1000	8		
			1536	100	88	8300	3.92	100	84	8600	3.93	100	44	4900	3.69
				1000	3			1000	11			1000	10		
			1537	100	85	7900	3.90	100	108	11000	4.04	100	33	3400	3.53
				1000	2			1000	10			1000	4		

Appendix 8 - Accuracy profile study: summarized results

Peptone salt (PSD)

(Food) Category 1	Category 1
(Food) Type 1	Raw pork meat - PSD

			Reference method result					Alternative method result				
Sample Name	(Food) item	Level	rep 1	rep 2	rep 3	rep 4	rep 5	rep 1	rep 2	rep 3	rep 4	rep 5
8899-8903	Raw pork meat	low	100	91	160	160	82	100	82	150	120	91
8914-8918	Raw pork meat	low	140	110	170	64	120	110	82	130	160	100
8919-8923	Raw pork meat	intermediate	1300	1100	1000	1300	900	1400	1300	1100	1400	1400
8904-8908	Raw pork meat	intermediate	1900	1000	1900	1200	1700	1900	1300	1100	1000	1300
8924-8928	Raw pork meat	high	9300	6600	7300	5500	4000	9100	6600	12000	8600	10000
1508-1512	Raw pork meat	high	12000	11000	13000	14000	10000	10000	9100	9400	13000	15000

(Food) Category 2	Category 2
(Food) Type 2	Duck pâté - PSD

			Reference method result					Alternative method result				
Sample Name	(Food) item	Level	rep 1	rep 2	rep 3	rep 4	rep 5	rep 1	rep 2	rep 3	rep 4	rep 5
9338-9342	Duck pâté	low	73	64	91	36	45	91	45	55	36	36
9313-9317	Duck pâté	low	150	110	100	100	130	120	150	140	160	110
9343-9347	Duck pâté	intermediate	460	540	400	490	400	450	610	440	510	390
9318-9322	Duck pâté	intermediate	880	930	770	880	920	1100	900	870	930	890
9348-9352	Duck pâté	high	4200	4500	4500	4100	3700	5900	5100	4300	5100	4300
9323-9327	Duck pâté	high	4200	4700	6100	7100	6500	4600	5100	8300	10000	7400

(Food) Category 3	Category 3
(Food) Type 3	Process water - PSD

			Reference method result					Alternative method result				
Sample Name	(Food) item	Level	rep 1	rep 2	rep 3	rep 4	rep 5	rep 1	rep 2	rep 3	rep 4	rep 5
1513-1517	Process water	low	73	64	64	64	64	55	64	45	55	82
1523-1527	Process water	low	73	73	73	82	82	82	73	100	100	100
1754-1758	Process water	intermediate	370	390	370	360	370	430	410	390	380	360
1518-1522	Process water	intermediate	1100	1100	1400	1700	1900	1300	1400	1700	1700	1600
1273-1277	Process water	high	5300	5400	3600	3800	3500	5700	3700	5100	4500	7000
1533-1537	Process water	high	5100	11000	3900	8300	7900	6600	12000	7800	8600	11000

CFB

(Food) Category 1	Category 1
(Food) Type 1	Raw pork meat - CFB

			Reference method result					Alternative method result				
Sample Name	(Food) item	Level	rep 1	rep 2	rep 3	rep 4	rep 5	rep 1	rep 2	rep 3	rep 4	rep 5
8899-8903	Raw pork meat	low	100	91	160	160	82	91	170	130	170	120
8914-8918	Raw pork meat	low	140	110	170	64	120	240	160	100	200	160
8919-8923	Raw pork meat	intermediate	1300	1100	1000	1300	900	1400	2600	1700	1500	1500
8904-8908	Raw pork meat	intermediate	1900	1000	1900	1200	1700	2500	1500	1600	1500	1600
8924-8928	Raw pork meat	high	9300	6600	7300	5500	4000	9500	11000	15000	11000	12000
1508-1512	Raw pork meat	high	12000	11000	13000	14000	10000	6300	6300	9300	9700	9500

(Food) Category 2	Category 2
(Food) Type 2	Duck pâté - CFB

			Reference method result					Alternative method result				
Sample Name	(Food) item	Level	rep 1	rep 2	rep 3	rep 4	rep 5	rep 1	rep 2	rep 3	rep 4	rep 5
9338-9342	Duck pâté	low	73	64	91	36	45	82	55	45	73	140
9313-9317	Duck pâté	low	150	110	100	100	130	180	160	120	160	210
9343-9347	Duck pâté	intermediate	460	540	400	490	400	690	860	790	810	840
9318-9322	Duck pâté	intermediate	880	930	770	880	920	1200	1600	1400	1100	1300
9348-9352	Duck pâté	high	4200	4500	4500	4100	3700	9500	9000	7400	11000	7900
9323-9327	Duck pâté	high	4200	4700	6100	7100	6500	11000	9000	7200	18000	13000

(Food) Category 3	Category 3
(Food) Type 3	Process water - CFB

			Reference method result					Alternative method result				
Sample Name	(Food) item	Level	rep 1	rep 2	rep 3	rep 4	rep 5	rep 1	rep 2	rep 3	rep 4	rep 5
1513-1517	Process water	low	73	64	64	64	64	120	120	91	73	73
1523-1527	Process water	low	73	73	73	82	82	64	110	82	110	140
1754-1758	Process water	intermediate	370	390	370	360	370	310	340	320	320	340
1518-1522	Process water	intermediate	1100	1100	1400	1700	1900	1200	1200	1700	1400	1200
1273-1277	Process water	high	5300	5400	3600	3800	3500	5600	5500	5600	3700	5100
1533-1537	Process water	high	5100	11000	3900	8300	7900	4200	6100	3900	4900	3400

Appendix 9 - Inclusivity and exclusivity: raw data

Strains tested for the renewal study

INCLUSIVITY										
N°	Strain		Reference	Origin	CBA	mCCDA	CFA		VIDAS CAM	Latex
					cfu/plate(a/b)	cfu/plate(a/b)	cfu/plate(a/b)	Colonies description		
1	*Campylobacter*	*coli*	Ad1001	Poultry	102/136	123/133	132/187	Red-orange with metallic sheen (diameter 1,5mm)	11860(+)	/
2	*Campylobacter*	*coli*	Ad1004	Poultry	52/62	47/43	48/43	Red-orange with metallic sheen (diameter 2-6mm)	10669(+)	/
3	*Campylobacter*	*coli*	Ad1005	Poultry	8/7	7/1	2/7	Red-orange with metallic sheen (spreaded colonies)	10351(+)	/
4	*Campylobacter*	*coli*	Ad1006	Poultry	36/38	37/38	30/39	Red-orange with metallic sheen (diameter 3mm)	11609(+)	/
5	*Campylobacter*	*coli*	Ad1007	Poultry	62/84	77/76	123/86	Red-orange with metallic sheen (diameter 2mm)	4309(+)	/
6	*Campylobacter*	*coli*	Ad1008	Poultry	96/88	82/73	65/66	Red-orange with metallic sheen (spreaded colonies)	10323(+)	/
7	*Campylobacter*	*coli*	Ad1009	Poultry	26/33	7/10	35/37	Red-orange with metallic sheen (diameter 2-6mm)	10585(+)	/
8	*Campylobacter*	*coli*	Ad1010	Poultry	104/80	46/75	71/103	Red-orange with metallic sheen (diameter 1,5mm)	11715(+)	/
9	*Campylobacter*	*coli*	Ad1011	Poultry	70/38	9/17	60/54	Red-orange with metallic sheen (diameter 2-5mm)	10506(+)	/
10	*Campylobacter*	*coli*	Ad1012	Poultry	32/29	19/19	29/39	Red-orange with metallic sheen (diameter 1mm)	10390(+)	/
11	*Campylobacter*	*coli*	Ad1024	Poultry	62/90	73/81	77/92	Red-orange with metallic sheen(diameter 5mm)	4036(+)	/

INCLUSIVITY										
N°	Strain		Reference	Origin	CBA	mCCDA	CFA		VIDAS CAM	Latex
					cfu/plate(a/b)	cfu/plate(a/b)	cfu/plate(a/b)	Colonies description		
12	*Campylobacter*	*coli*	Ad1025	Poultry	30/23	16/11	31/36	Red-orange with metallic sheen(diameter 2mm)	11626(+)	/
13	Campylobacter	*coli*	Ad1018	Poultry	14	33	37	Red-orange with metallic sheen (diameter 2mm)	9009 (+)	+
14	Campylobacter	*coli*	Ad1019	Poultry	159	85	179	Red-orange with metallic sheen (diameter 2mm)	9368(+)	+
15	Campylobacter	*coli*	Ad1982	River water	74	52	65	Red-orange with metallic sheen (diameter 2mm)	90302(+)	+
16	Campylobacter	*coli*	Ad1125	Poultry	52	77	78	Red-orange with metallic sheen (diameter 2mm)	9338(+)	+
17	Campylobacter	*coli*	Ad1485	Feces	46	41	35	Red-orange with metallic sheen (diameter 2mm)	1504(+)	+
18	*Campylobacter*	*coli*	CIP 70.80^{T} (ATCC33559)	Porcine feces	19/21	12/15	20/23	Red with metallic sheen (diameter 2mm)	651(+)	/
19	*Campylobacter*	*coli*	Ad1121	Porcine feces	80/75	64/52	84/79	Red with metallic sheen (diameter 0,5-1mm)	11501(+)	/
20	*Campylobacter*	*coli*	Ad1122	Porcine feces	62/70	31/48	58/25	burgundy with metallic sheen (diameter <0,5mm)	7530(+)	/
21	*Campylobacter*	*coli*	Ad1123	Porcine meat	41/39	22/16	31/38	Red-orange with metallic sheen (diameter 1mm)	10947(+)	/
22	*Campylobacter*	*jejuni*	Ad1000	Poultry	66/66	51/70	94/67	Red-orange with metallic sheen (diameter 2-3mm)	10837(+)	/
23	*Campylobacter*	*jejuni*	Ad1002	Poultry	26/10	15/15	12/22	Red with metallic sheen (diameter 2mm)	10745(+)	/
24	*Campylobacter*	*jejuni*	Ad1003	Poultry	18/39	35/23	47/38	Red-orange with metallic sheen (diameter 2-3mm)	11165(+)	/
25	*Campylobacter*	*jejuni*	Ad1013	Poultry	83/89	69/101	68/97	Red-orange with metallic sheen (diameter 2mm)	6744(+)	/

INCLUSIVITY										
N°	Strain		Reference	Origin	CBA	mCCDA	CFA		VIDAS CAM	Latex
					cfu/plate(a/b)	cfu/plate(a/b)	cfu/plate(a/b)	Colonies description		
26	*Campylobacter*	*jejuni*	Ad1014	Poultry	76/83	65/58	72/62	Red-orange with metallic sheen (diameter 2mm)	4696(+)	/
27	*Campylobacter*	*jejuni*	Ad1015	Poultry	36/52	38/27	40/57	Red-orange with metallic sheen (diameter 2-3mm)	11984(+)	/
28	*Campylobacter*	*jejuni*	Ad1016	Poultry	56/81	66/69	67/85	Red-orange with metallic sheen (diameter 2mm)	2989(+)	/
29	*Campylobacter*	*jejuni*	Ad1021	Poultry	29/30	27/40	31/41	burgundy with metallic sheen (diameter 1-2mm)	1265(+)	/
30	*Campylobacter*	*jejuni*	Ad1023	Poultry	105/133	62/68	101/71	Red-orange with metallic sheen (diameter 1-3mm)	11033(+)	/
31	*Campylobacter*	*jejuni*	Ad1076	Poultry	23/29	33/21	39/30	Red-orange with metallic sheen (diameter 2-3mm)	11789(+)	/
32	*Campylobacter*	*jejuni*	Ad1078	Poultry	38/36	34/39	24/40	Red-orange with metallic sheen (diameter 2-4mm)	10669(+)	/
33	*Campylobacter*	*jejuni*	Ad1079	Poultry	91/33	81/40	63/77	Red-orange with metallic sheen (diameter 5mm)	10553(+)	/
34	*Campylobacter*	*jejuni*	Ad1080	Poultry	6/6	3/7	7/6	Red-orange with metallic sheen (diameter 3-4mm)	8052(+)	/
35	*Campylobacter*	*jejuni*	Ad1081	Poultry	144/128	110/115	155/184	Red-orange with metallic sheen (diameter 1mm)	11556(+)	/
36	*Campylobacter*	*jejuni*	Ad1082	Poultry	13/10	9/17	12/27	Blood red with metallic sheen (diameter 1mm)	5994(+)	/
37	*Campylobacter*	*jejuni*	CIP 70.2^{T} (ATCC33560)	Bovine feces	98/128	79/122	120/122	Red with metallic sheen (diameter 1-2mm)	11294(+)	/
38	Campylobacter	*jejuni*	Ad1083	Poultry	44	29	113	Red-orange with metallic sheen (diameter 2mm)	9399 (+)	+
39	Campylobacter	*jejuni*	Ad1084	Poultry	28	43	24	Red-orange with metallic sheen (diameter 2mm)	8616 (+)	+

INCLUSIVITY										
N°	**Strain**		**Reference**	**Origin**	**CBA**	**mCCDA**	**CFA**		**VIDAS CAM**	**Latex**
					cfu/plate(a/b)	cfu/plate(a/b)	cfu/plate(a/b)	Colonies description		
40	Campylobacter	*jejuni*	Ad1085	Poultry	73	63	60	Red-orange with metallic sheen (diameter 2mm)	8286 (+)	+
41	*Campylobacter*	*lari*	Ad1067	Poultry	20/24	21/16	19/26	Red-orange with metallic sheen (diameter 3-5mm)	1712(+)	/
42	*Campylobacter*	*lari*	CIP 102722 ^{T} (ATCC35221)	Gull cloacal swab	144/149	178/131	194/158	Red with metallic sheen (diameter 2mm)	226(-)/227(-)/ 248(-)	/
43	*Campylobacter*	*lari*	ATCC35222	unknown	34/39	46/44	64/42	Red-orange with metallic sheen (diameter 2-3mm)	633(+)	/
44	*Campylobacter*	*lari*	Ad1130	unknown	27/28	60/61	31/46	Red-orange with metallic sheen (diameter 2-3mm)	634(+)	/
45	*Campylobacter*	*lari*	Ad1131	Cail	33/29	47/59	21/19	Red with metallic sheen (diameter 2-3mm)	8311(+)	/
46	Campylobacter	*lari*	Ad1911	unknown	168	151	117	Red-orange with metallic sheen (diameter 2mm)	297 (+)	+
47	*Campylobacter*	*upsaliensis*	ATCC49815	unknown	45/44	0/0	0/0	/	/	/
48	*Campylobacter*	*upsaliensis*	CIP 10368^{T}(ATCC 43954)	Dog feces	81/65	0/0	0/0	/	/	/
49	*Campylobacter*	*upsaliensis*	ATCC49816	Feces	54/33	0/0	0/0	/	/	/
50	*Campylobacter*	*upsaliensis*	Ad1139	Feces	47/65	0/0	0/0	/	/	/

EXCLUSIVITY										
N°	Strain		Reference	Origin	Control media	mCCDA	CFA			
					cfu/plate(a/b)	cfu/plate(a/b)	cfu/plate(a/b)	Colonies description	VIDAS CAM	Latex
1	*Acinetobacter*	*baumanii*	Ad 1070	Poultry	11/15	15/15 (non characteristic colonies)	0/0	/	/	/
2	*Arcobacter*	*butzleri*	Ad1881	Swab feather	71 (-7)	0 (-5)	32 (-7)	atypical (Micro-colonies)	159 (-)	-
3	*Arcobacter*	*butzleri*	Ad1126	Chicken	87/79(COS37°c)	0/0	66/70	atypical (Micro-colonies)	200(-)	/
4	*Arcobacter*	*butzleri*	CIP 103493	unknown	110/1109(COS 37°C)	0/0	0/0	/	/	/
5	*Acinetobacter*	*calcoaceticus*	Ad 1090	Poultry	70/78	0/0	0/0	/	/	/
5	*Acinetobacter*	*johnsonii*	Ad1317	Egg	60 (-6)	0 (-5)	0 (-5)	/	/	/
6	*Aeromonas*	*hydrophila*	CIP 5750	unknown	34/39	0/0	0/0	/	/	/
7	*Arcobacter*	*cryaerophilus*	CIP 104014	unknown	54/71(COS 30°C)	0/0	0/0	/	/	/
8	*Arcobacter*	*cryoaerophilus*	Ad1124	Chicken	A lot of micro-colonies, impossible to numerate (COS 37°c)	0/0	0/0	0/0	/	/
9	*Arcobacter*	*halophilus*	CIP 108450	unknown	Grow in 10 days at 25°C	Doesn't grow at 41,5°C		/	/	/
10	*Campylobacter*	*fetus*	Ad1069	Poultry	275/240 (COS 25°C)	0/0	0/0	/	/	/
11	*Campylobacter*	*fetus*	Ad1068	Poultry	229/204(COS 25°C)	0/0	0/0	/	/	/
12	*Citrobacter*	*freundii*	Ad 173	Poultry	50/43	0/0	0/0	/	/	/
13	*Enterobacter*	*fergusoni*	2876	Environment	37/40	0/0	0/0	/	/	/
14	*Escherichia*	*coli*	Ad 241	Poultry	52/68	0/0	0/0	/	/	/
15	*Escherichia*	*coli ESBL*	CIP103982	unknown	80/75	0/0	0/0	/	/	/
16	*Entrococcus*	*durans*	Ad148	Ham	52/28	0/0	0/0	/	/	/
17	*Entrococcus*	*durans*	Ad175	Egg product	27/34	0/0	0/0	/	/	/
18	*Klebsellia*	*pneumoniae*	133	Beef	3/13	0/0	0/0	/	/	/
20	*Lactobacillus*	*curvatus*	Ad 379	Pork meat	2/7	0/0	0/0	/	/	/

EXCLUSIVITY										
N°	Strain		Reference	Origin	Control media	mCCDA	CFA			
					cfu/plate(a/b)	cfu/plate(a/b)	cfu/plate(a/b)	Colonies description	VIDAS CAM	Latex
21	*Macrococcus*	*cohnii*	Ad 156	Poultry	18/18	0/0	0/0	/	/	/
22	*Moraxella*	*spp*	51.11	Poultry	69/73(COS 25°C)	0/0	0/0	/	/	/
23	*Ochrobactrum*	*pseudintermedius*	Ad 1058	Poultry	61/76	144/2 (micro-colonies)	0/0	/	/	/
24	*Proteus*	*vulgaris*	Ad 984	Meat product (pork/beef mix)	55/48	0/0	0/0	/	/	/
25	*Providencia*	*stuartii*	46	Food product	44/43	0/0	0/0	/	/	/
26	*Pseudomonas*	*aeruginosa*	20	Raw milk	51/47	0/0	0/0	/	/	/
27	*Pseudomonas*	*putida*	4	Poultry	37/42 (COS25°c)	0/0	0/0	/	/	/
28	*Ralstonia*	*mannitolityca*	Ad 1059	Poultry	248/171	124/109	124/145	Blood red (diameter 2 mm)	324(-)	/
29	*Saccharomyces*	*cerevisiae*	Ad 999	Dairy product	54/56 (OGA 25°c)	0/0	0/0	/	/	/
30	*Staphylococcus*	*aureus*	Ad 157	Poultry skin	55/41	0/0	0/0	/	/	/

Appendix 10 - *Campylobacter* Latex test extension study results (NF Validation 2014)

INCLUSIVITY												
N°	Strain		Reference	Origin	Columbia blood agar (CBA) CAMPYLOBACTER spp latex kit			CampyFood agar 41.5°C				
								Growth *	CAMPYLOBACTER spp latex kit			
					Latex	Latex control	Result		Latex	Latex control	Result	
1	*Campylobacter*	*coli*	Ad1004	Turkey skin	+	-	+	+	+	-	+	
2	*Campylobacter*	*coli*	Ad1005	Turkey skin	+	-	+	+	+	-	+	
3	*Campylobacter*	*coli*	Ad1007	Chicken skin	+	-	+	+	+	-	+	
4	*Campylobacter*	*coli*	Ad1008	Turkey skin	+	-	+	+	+	-	+	
5	*Campylobacter*	*coli*	Ad1009	Chicken skin	+	-	+	+	+	-	+	
6	*Campylobacter*	*coli*	Ad1010	Chicken skin	+	-	+	+	+	-	+	
7	*Campylobacter*	*coli*	Ad1011	Turkey skin	+	-	+	+	+	-	+	
8	*Campylobacter*	*coli*	Ad1012	Chicken skin	+	-	+	+	+ (1)	- (1)	+	
9	*Campylobacter*	*coli*	Ad1018	Chicken leg	+	-	+	+	+	-	+	
10	*Campylobacter*	*coli*	Ad1024	Chicken skin	+	-	+	+	+ (1)	- (1)	+	
11	*Campylobacter*	*coli*	Ad1025	Turkey neck skin	+	-	+	+	+	-	+	
12	*Campylobacter*	*coli*	Ad1072	Turkey neck skin	+	-	+	+	+	-	+	
13	*Campylobacter*	*coli*	Ad1073	Turkey neck skin	+	-	+	+	+	-	+	
14	*Campylobacter*	*coli*	Ad1074	Turkey neck skin	+	-	+	+	+	-	+	
15	*Campylobacter*	*coli*	Ad1075	Turkey neck skin	+	-	+	+	+	-	+	
16	*Campylobacter*	*coli*	Ad1077	Turkey neck skin	+	-	+	+	+	-	+	
17	*Campylobacter*	*coli*	Ad1087	Chicken neck skin	+	-	+	+	+	-	+	

INCLUSIVITY												
N°	Strain		Reference	Origin	Columbia blood agar (CBA) CAMPYLOBACTER spp latex kit			CampyFood agar 41.5°C				
								Growth *	CAMPYLOBACTER spp latex kit			
					Latex	Latex control	Result		Latex	Latex control	Result	
18	*Campylobacter*	*coli*	Ad1121	Feces	+	-	+	+	+ (1)	- (1)	+	
19	*Campylobacter*	*coli*	Ad1122	Feces	+	-	+	+	+ (1)	- (1)	+	
20	*Campylobacter*	*coli*	Ad1123	Bavette	+	-	+	+	+	-	+	
21	*Campylobacter*	*coli*	Ad1125	Chicken	+	-	+	+	+ (1)	-	+	
22	*Campylobacter*	*coli*	Ad1477	Carcasse	+	-	+	+	+	-	+	
23	*Campylobacter*	*coli*	Ad1478	Carcasse	+	-	+	+	+	-	+	
24	*Campylobacter*	*coli*	Ad1479	Carcasse	+	-	+	+	+	-	+	
25	*Campylobacter*	*coli*	Ad1480	Carcasse	+	-	+	+	+	-	+	
26	*Campylobacter*	*coli*	Ad1481	Carcasse	+	-	+	+	+ (1)	- (1)	+	
27	*Campylobacter*	*coli*	Ad1485	Feces	+	-	+	+	+ (1)	- (1)	+	
28	*Campylobacter*	*coli*	Ad1889	Swine environment	+	-	+	+	+	-	+	
29	*Campylobacter*	*coli*	CIP70.77	Feces	+	-	+	+	+	-	+	
30	*Campylobacter*	*coli*	CIP70.80	Feces	+	-	+	+	+	-	+	
31	*Campylobacter*	*coli*	Ad1893	Floor waste guinea fowl (workshop)	+	-	+	+	+ (1)	- (1)	+	
32	*Campylobacter*	*coli*	Ad1894	Pork feces	+	-	+	+	+	-	+	
33	*Campylobacter*	*coli*	Ad1895	Pork feces	+	-	+	+	+	-	+	
34	*Campylobacter*	*coli*	Ad1897	Pork feces	+	-	+	+	+	-	+	
35	*Campylobacter*	*coli*	Ad1899	Pork feces	+	-	+	+	+	-	+	
36	*Campylobacter*	*coli*	Ad1900	Pork feces	+	-	+	+	+ (1)	-	+	

INCLUSIVITY												
N°	Strain		Reference	Origin	Columbia blood agar (CBA) CAMPYLOBACTER spp latex kit			CampyFood agar 41.5°C				
								Growth *	CAMPYLOBACTER spp latex kit			
					Latex	Latex control	Result		Latex	Latex control	Result	
37	*Campylobacter*	*coli*	Ad1901	White chicken leg	+	-	+	+	+ (1)	- (1)	+	
38	*Campylobacter*	*coli*	Ad1902	White chicken meat	+	-	+	+	+	-	+	
39	*Campylobacter*	*coli*	Ad1905	Duck leg	+	-	+	+	+	-	+	
40	*Campylobacter*	*coli*	Ad1907	Duck leg	+	-	+	+	+	-	+	
41	*Campylobacter*	*coli*	Ad1908	Duck meat	+	-	+	+	+ (1)	- (1)	+	
42	*Campylobacter*	*coli*	Ad1909	Chicken leg	+	-	+	+	+	-	+	
43	*Campylobacter*	*coli*	Ad1924	Regular chicken	+	-	+	+	+	-	+	
44	*Campylobacter*	*coli*	Ad1925	Regular chicken	+	-	+	+	+	-	+	
45	*Campylobacter*	*coli*	Ad1926	Regular chicken	+	-	+	+	+	-	+	
46	*Campylobacter*	*coli*	Ad1927	Regular chicken	+	-	+	+	+	-	+	
47	*Campylobacter*	*coli*	Ad1928	Regular chicken	+	-	+	+	+	-	+	
48	*Campylobacter*	*coli*	Ad1929	Regular chicken	- / +	- / -	- / +	+	+ (3)	-	+	
49	*Campylobacter*	*coli*	Ad1930	Regular chicken	+	-	+	+	+	-	+	
50	*Campylobacter*	*coli*	Ad1938	Free-range chicken	+	-	+	+	+	-	+	
51	*Campylobacter*	*coli*	Ad1939	Free-range chicken	+	-	+	+	+	-	+	
52	*Campylobacter*	*coli*	Ad1940	Free-range chicken	+	-	+	+	+	-	+	
53	*Campylobacter*	*coli*	Ad1941	Free-range chicken	+	-	+	+	+	-	+	
54	*Campylobacter*	*coli*	Ad1942	Free-range chicken	+	-	+	+	+	-	+	
55	*Campylobacter*	*coli*	Ad1943	Free-range chicken	+	-	+	+	+	-	+	

INCLUSIVITY												
N°	Strain		Reference	Origin	Columbia blood agar (CBA) CAMPYLOBACTER spp latex kit			CampyFood agar 41.5°C				
								Growth *	CAMPYLOBACTER spp latex kit			
					Latex	Latex control	Result		Latex	Latex control	Result	
56	*Campylobacter*	*coli*	Ad1944	Free-range chicken	+	-	+	+	+	-	+	
57	*Campylobacter*	*coli*	Ad1952	Turkey	+	-	+	+	+	-	+	
58	*Campylobacter*	*coli*	Ad1953	Turkey	+ (2)	-	+	+	+ (2)	-	+	
59	*Campylobacter*	*coli*	Ad1954	Turkey	+	-	+	+	+	-	+	
60	*Campylobacter*	*coli*	Ad1955	Turkey	+	-	+	+	+	-	+	
61	*Campylobacter*	*coli*	Ad1956	Turkey	+	-	+	+	+	-	+	
62	*Campylobacter*	*coli*	Ad1957	Turkey	+	-	+	+	+	-	+	
63	*Campylobacter*	*coli*	Ad1958	Turkey	+	-	+	+	+	-	+	
64	*Campylobacter*	*coli*	Ad1959	Pork (sow)	+	-	+	+	+	-	+	
65	*Campylobacter*	*coli*	Ad1960	Pork (sow)	+	-	+	+	+	-	+	
66	*Campylobacter*	*coli*	Ad1961	Pork (sow)	+	-	+	+	+	-	+	
67	*Campylobacter*	*coli*	Ad1962	Pork (sow)	+	-	+	+	+	-	+	
68	*Campylobacter*	*coli*	Ad1963	Pork (sow)	+	-	+	+	+ (1)	-	+	
69	*Campylobacter*	*coli*	Ad1964	Pork (sow)	+	-	+	+	+ (1)	-	+	
70	*Campylobacter*	*coli*	Ad1965	Pork (sow)	+	-	+	+	+	-	+	
71	*Campylobacter*	*coli*	Ad1966	Pork	+	-	+	+	+	-	+	
72	*Campylobacter*	*coli*	Ad1967	Pork	+	-	+	+	+ (1)	-	+	
73	*Campylobacter*	*coli*	Ad1968	Pork	+	-	+	+	+	-	+	
74	*Campylobacter*	*coli*	Ad1969	Pork	+	-	+	+	+	-	+	

INCLUSIVITY												
N°	Strain		Reference	Origin	Columbia blood agar (CBA) CAMPYLOBACTER spp latex kit			CampyFood agar 41.5°C				
								Growth *	CAMPYLOBACTER spp latex kit			
					Latex	Latex control	Result		Latex	Latex control	Result	
75	*Campylobacter*	*coli*	Ad1970	Pork	+	-	+	+	+ (1)	-	+	
76	*Campylobacter*	*coli*	Ad1971	Pork	+	-	+	+	+	-	+	
77	*Campylobacter*	*coli*	Ad1972	Pork	+	-	+	+	+	-	+	
78	*Campylobacter*	*coli*	Ad1980	River water	+	-	+	+	+	-	+	
79	*Campylobacter*	*coli*	Ad1981	River water	+	-	+	+	+	-	+	
80	*Campylobacter*	*coli*	Ad1982	River water	+	-	+	+	+	-	+	
81	*Campylobacter*	*coli*	Ad1983	River water	+	-	+	+	+	-	+	
82	*Campylobacter*	*coli*	Ad1984	River water	+	-	+	+	+	-	+	
83	*Campylobacter*	*coli*	Ad1985	River water	+	-	+	+	+	-	+	
84	*Campylobacter*	*coli*	Ad1986	River water	+	-	+	+	+	-	+	
85	*Campylobacter*	*coli*	Ad1997	Pork bleeding area (wipe)	- / + (2)	- / -	**- / +**	+	- / + (2)	-	**- / +**	
86	*Campylobacter*	*jejuni*	Ad1000	Turkey neck skin	+	-	+	+	+ (1)	- (1)	+	
87	*Campylobacter*	*jejuni*	Ad1002	Turkey neck skin	+	-	+	+	+	-	+	
88	*Campylobacter*	*jejuni*	Ad1003	Turkey neck skin	+	-	+	+	+ (1)	-	+	
89	*Campylobacter*	*jejuni*	Ad1013	Chicken skin	+	-	+	+	+	-	+	
90	*Campylobacter*	*jejuni*	Ad1014	Chicken neck skin	+	-	+	+	+	-	+	
91	*Campylobacter*	*jejuni*	Ad1015	Chicken skin	+	-	+	+	+	-	+	
92	*Campylobacter*	*jejuni*	Ad1016	Chicken skin	+	-	+	+	+	-	+	
93	*Campylobacter*	*jejuni*	Ad1021	Chicken neck skin	+	-	+	+	+	-	+	

INCLUSIVITY												
N°	Strain		Reference	Origin	Columbia blood agar (CBA) CAMPYLOBACTER spp latex kit			CampyFood agar 41.5°C				
								Growth *	CAMPYLOBACTER spp latex kit			
					Latex	Latex control	Result		Latex	Latex control	Result	
94	*Campylobacter*	*jejuni*	Ad1023	Turkey neck skin	+	-	+	+	+	-	+	
95	*Campylobacter*	*jejuni*	Ad1076	Turkey neck skin	+	-	+	+	+	-	+	
96	*Campylobacter*	*jejuni*	Ad1078	Turkey neck skin	+	-	+	+	+	-	+	
97	*Campylobacter*	*jejuni*	Ad1079	Turkey neck skin	+	-	+	+	+	-	+	
98	*Campylobacter*	*jejuni*	Ad1080	Turkey neck skin	+	-	+	+	+	-	+	
99	*Campylobacter*	*jejuni*	Ad1081	Turkey neck skin	+	-	+	+	+	-	+	
100	*Campylobacter*	*jejuni*	Ad1082	Turkey neck skin	+	-	+	+	+	-	+	
101	*Campylobacter*	*jejuni*	Ad1083	Turkey neck skin	+	-	+	+	+	-	+	
102	*Campylobacter*	*jejuni*	Ad1084	Chicken neck skin	+	-	+	+	+	-	+	
103	*Campylobacter*	*jejuni*	Ad1085	Chicken neck skin	+	-	+	+	+	-	+	
104	*Campylobacter*	*jejuni*	Ad1086	Chicken neck skin	+	-	+	+	+	-	+	
105	*Campylobacter*	*jejuni*	Ad1088	Chicken neck skin	+	-	+	+	+	-	+	
106	*Campylobacter*	*jejuni*	Ad1089	Chicken neck skin	+	-	+	+	+	-	+	
107	*Campylobacter*	*jejuni*	CIP70.54	Feces	+	-	+	+	+	-	+	
108	*Campylobacter*	*jejuni*	Ad1892	Guinea fowl carcass	+	-	+	+	+	-	+	
109	*Campylobacter*	*jejuni*	Ad1910	Chicken meat (no skin)	+	-	+	+	+	-	+	
110	*Campylobacter*	*jejuni*	Ad1917	Regular chicken	+	-	+	+	+ (1)	- (1)	+	
111	*Campylobacter*	*jejuni*	Ad1918	Regular chicken	+	-	+	+	+	-	+	
112	*Campylobacter*	*jejuni*	Ad1919	Regular chicken	+	-	+	+	+	-	+	

INCLUSIVITY												
N°	Strain		Reference	Origin	Columbia blood agar (CBA) CAMPYLOBACTER spp latex kit			CampyFood agar 41.5°C				
								Growth *	CAMPYLOBACTER spp latex kit			
					Latex	Latex control	Result		Latex	Latex control	Result	
113	*Campylobacter*	*jejuni*	Ad1920	Regular chicken	+	-	+	+	+	-	+	
114	*Campylobacter*	*jejuni*	Ad1921	Regular chicken	+	-	+	+	+ (2)	-	+	
115	*Campylobacter*	*jejuni*	Ad1922	Regular chicken	+	-	+	+	+ (1)	- (1)	+	
116	*Campylobacter*	*jejuni*	Ad1923	Regular chicken	+	-	+	+	+	-	+	
117	*Campylobacter*	*jejuni*	Ad1932	Free-range chicken	+	-	+	+	+	-	+	
118	*Campylobacter*	*jejuni*	Ad1933	Free-range chicken	+	-	+	+	+	-	+	
119	*Campylobacter*	*jejuni*	Ad1934	Free-range chicken	+	-	+	+	+	-	+	
120	*Campylobacter*	*jejuni*	Ad1935	Free-range chicken	+	-	+	+	+	-	+	
121	*Campylobacter*	*jejuni*	Ad1936	Free-range chicken	+	-	+	+	+	-	+	
122	*Campylobacter*	*jejuni*	Ad1946	Turkey	+ (2)	-	+	+	+	-	+	
123	*Campylobacter*	*jejuni*	Ad1947	Turkey	+	-	+	+	+	-	+	
124	*Campylobacter*	*jejuni*	Ad1948	Turkey	+ (2)	-	+	+	+	-	+	
125	*Campylobacter*	*jejuni*	Ad1949	Turkey	+	-	+	+	+	-	+	
126	*Campylobacter*	*jejuni*	Ad1950	Turkey	+	-	+	+	+	-	+	
127	*Campylobacter*	*jejuni*	Ad1974	River water	+	-	+	+	+ (1)	- (1)	+	
128	*Campylobacter*	*jejuni*	Ad1975	River water	+	-	+	+	+	-	+	
129	*Campylobacter*	*jejuni*	Ad1976	River water	+	-	+	+	+	-	+	
130	*Campylobacter*	*jejuni*	Ad1977	River water	+	-	+	+	+	-	+	
131	*Campylobacter*	*jejuni*	Ad1978	River water	+	-	+	+	+	-	+	

INCLUSIVITY												
N°	Strain		Reference	Origin	Columbia blood agar (CBA) CAMPYLOBACTER spp latex kit			CampyFood agar 41.5°C				
								Growth *	CAMPYLOBACTER spp latex kit			
					Latex	Latex control	Result		Latex	Latex control	Result	
132	*Campylobacter*	*jejuni*	Ad1979	River water	+	-	**+**	+	+	-	**+**	
133	*Campylobacter*	*jejuni*	Ad1988	Wild birds	+	-	**+**	+	+	-	**+**	
134	*Campylobacter*	*jejuni*	Ad1989	Wild birds	+	-	**+**	+	+	-	**+**	
135	*Campylobacter*	*jejuni*	Ad1990	Wild birds	+	-	**+**	+	+	-	**+**	
136	*Campylobacter*	*jejuni*	Ad1991	Wild birds	+	-	**+**	+	+	-	**+**	
137	*Campylobacter*	*jejuni*	Ad1992	Wild birds	+	-	**+**	+	+	-	**+**	
138	*Campylobacter*	*jejuni* subsp *jejuni*	ATCC33291	/	+	-	**+**	+	+	-	**+**	
139	*Campylobacter*	*jejuni* subsp *jejuni*	CIP70.2	/	+	-	**+**	+	+	-	**+**	
140	*Campylobacter*	*lari*	Ad1067	Turkey neck skin	- / + (2)	-	**- / +**	+	- / + (2)	-	**- / +**	
141	*Campylobacter*	*lari*	Ad1130	/	- / + (3)	-	**- / + d**	+	- / + (2)	-	**- / +**	
142	*Campylobacter*	*lari*	ATCC35222	/	- / + (3)	-	**- / + d**	+	- / + (3)	-	**- / + d**	
143	*Campylobacter*	*lari*	CIP102722 T	/	- / + (3)	-	**- / + d**	+	- / + (2)	-	**- / +**	
144	*Campylobacter*	*upsaliensis*	Ad1139	Feces	+	-	**+**	St	/	/	/	
145	*Campylobacter*	*upsaliensis*	ATCC43954	Coproculture	- / +	-	**- / +**	St	/	/	/	
146	*Campylobacter*	*upsaliensis*	ATCC49815	/	+	-	**+**	St	/	/	/	
147	*Campylobacter*	*upsaliensis*	ATCC49816	Human feces	+	-	**+**	St	/	/	**-**	
148	*Campylobacter*	*upsaliensis*	CIP103681	/	- / +	-	**-/+**	St	/	/	/	
149	*Campylobacter*	*subantarcticus*	Ad1891	/	- / + (2)	-	**- / +**	+	- / + (3)	-	**- / + d**	

INCLUSIVITY												
N°	Strain		Reference	Origin	Columbia blood agar (CBA) CAMPYLOBACTER spp latex kit			CampyFood agar 41.5°C				
								Growth *	CAMPYLOBACTER spp latex kit			
					Latex	Latex control	Result		Latex	Latex control	Result	
150	*Campylobacter*	*lari* subsp. *concheus*	Ad1911	/	- / + (2)	-	**- / +**	+	- / + (2)	-	**- / +**	
151	*Campylobacter*	*hyointestinalis*	Ad1898	Pork feces	- / + (2)	-	**- / +**	+	- / + (2)	-	**- / +**	
152	*Campylobacter*	*hyointestinalis*	Ad1896	Pork feces	- / + (2)	-	**- / +**	+	- / + d (2)	-	**- / + d**	

All the latex tests were performed on 1 isolated colony, except when mentioned in the result.

* :	Characteristic colony = colony with red-Bordeaux to orange-red coloration with sometimes metallic sheen
- / + :	First result obtained from 1 isolated colony / Second result obtained with pooled colonies
1:	Presence of lumps
2:	Fine granularity
3:	Finer granularity hardly noticeable
d:	Doubtful result
st:	Sterile plate

EXCLUSIVITY															
N°	Strain		Reference	Origin	VIDAS test (non-selective broth)			Columbia blood agar (CBA) CAMPYLOBACTER spp latex kit			CampyFood agar 41.5°C			
											Growth *	CAMPYLOBACTER spp latex kit		
					Result	RFV	VT	Latex	Latex control	Result		Latex	Latex control	Result
1	*Acinetobacter*	*baumanii*	Ad1090	Hemoglobin	-	161	0.03	+	+	-	+	- (3)	-	-
2	*Acinetobacter*	*calco var anitrat*	1	Poultry	-	156	0.03	-	-	-	St	/	/	/
3	*Acinetobacter*	*calcoaceticus*	Ad1092	White poultry meat	-	211	0.05	-	-	-	+ d	- (3)	-	-
4	*Acinetobacter*	*johnsonii*	Ad1317	Liquid egg (support)	-	155	0.03	-	-	-	St	/	/	/
5	*Acinetobacter*	*sp.*	Ad 1551	Water	-	150	0.03	-	-	-	St	/	/	/
6	*Acinetobacter*	*spp*	Adria5	/	-	200	0.04	+	+	-	St	/	/	/
7	*Aeromonas*	*allosaccharophile*	Ad1318	Liquid egg (support)	-	155	0.03	-	-	-	St	/	/	/
8	*Aeromonas*	*allosaccharophile*	Ad1518	Liquid egg	-	158	0.03	-	-	-	St	/	/	/
9	*Aeromonas*	*hydrophila*	CIP5750	/	-	155	0.03	+ (3)	+ (3)	-	St	/	/	/
10	*Aeromonas*	*hydrophila*	CIP74.30	/	-	169	0.04	+ d	-	**+ d**	St	/	/	/
11	*Aeromonas*	*punctata*	Ad1329	Liquid egg	-	163	0.04	-	-	-	St	/	/	/
12	*Aeromonas*	*punctata*	Ad1517	Liquid egg	-	159	0.03	-	-	-	St	/	/	/
13	*Aeromonas*	*salmonicida*	Ad1319	Liquid egg	-	164	0.04	-	-	-	St	/	/	/
14	*Aeromonas*	*salmonicida*	Ad1716	Liquid egg	-	218	0.05	+ d	+ d	-	St	/	/	/
15	*Aeromonas*	*sobria*	CIP74.33	/	-	170	0.04	-	-	-	St	/	/	/
16	*Agrobacterium*	*tumefasciens*	Ad1550	Stagnant water	-	210	0.04	-	-	-	St	/	/	/
17	*Alcaligenes*	*faecalis*	ATCC8750	/	-	156	0.03	-	-	-	St	/	/	/
18	*Arcobacter*	*butzleri*	CIP103493	/	-	221	0.05	-	-	-	+	-	-	-
19	*Arcobacter*	*butzleri*	Ad1126	Chicken	-	219	0.05	-	-	-	+	-	-	-

EXCLUSIVITY															
N°	Strain		Reference	Origin	VIDAS test (non-selective broth)			Columbia blood agar (CBA) CAMPYLOBACTER spp latex kit			CampyFood agar 41.5°C			
											Growth *	CAMPYLOBACTER spp latex kit		
					Result	RFV	VT	Latex	Latex control	Result		Latex	Latex control	Result
20	*Arcobacter*	*butzleri*	Ad1881	Plucking machine (wipe)	-	166	0.04	-	-	-	St	/	/	/
21	*Arcobacter*	*cryaerophilus*	CIP104014	/	-	155	0.03	+	+	-	St	/	/	/
22	*Arcobacter*	*cryarerophilus*	Ad1124	Chicken	-	155	0.03	-	-	-	St	/	/	/
23	*Arcobacter*	*skirrowii*	DSM7302	/	-	220	0.05	-	-	-	St	/	/	/
24	*Burholderia*	*sp.*	Ad 2003	Poultry bleeding area (wipe)	-	156	0.03	- (3)	- (3)	-	+	- (3)	- (3)	-
25	*Burkholderia*	*spp*	Ad1587	Mud	-	213	0.05	-	-	-	St	/	/	/
26	*Burkholderia*	*vietnamiensis*	Ad1538	Floor	-	153	0.03	-	-	-	St	/	/	/
27	*Campylobacter*	*fetus*	Ad1069	Chicken	+	4469	1.10	- / -	-	-	St	/	/	/
28	*Campylobacter*	*fetus*	Ad1068	Chicken	+	3393	0.83	- / -	-	-	St	/	/	/
29	*Carnobacterium*	*mobile*	ATCC49516	Irradiated chicken	-	169	0.04	-	-	-	St	/	/	/
30	*Chryseobacterium*	*sp*	Ad1322	Liquid egg (support)	-	208	0.04	-	-	-	St	/	/	/
31	*Chryseobacterium*	*ureilyticum*	Ad1340	Liquid egg	-	210	0.04	+ d	-	+ d	St	/	/	/
32	*Citrobacter*	*freundii*	54	Mechanically separated poultry meat	-	156	0.03	-	-	-	St	/	/	/
33	*Citrobacter*	*freundii*	Ad173	Chicken liver	-	105	0.02	-	-	-	St	/	/	/
34	*Comamonas*	*aquatica*	Ad1543	Water	-	151	0.03	-	-	-	St	/	/	/
35	*Comamonas*	*sp.*	Ad1537	Floor	-	214	0.05	-	-	-	St	/	/	/
36	*Enterobacter*	*amnigenus*	A00C068	Cockerel	-	82	0.02	-	-	-	St	/	/	/
37	*Enterobacter*	*intermedius*	88a	Minced gizzards	-	86	0.02	- (3)	- (3)	-	St	/	/	/
38	*Enterobacter*	*fergusoni*	2876	Environment	-	97	0.02	-	-	-	St	/	/	/

EXCLUSIVITY															
N°	Strain		Reference	Origin	VIDAS test (non-selective broth)			Columbia blood agar (CBA) CAMPYLOBACTER spp latex kit			CampyFood agar 41.5°C			
											Growth *	CAMPYLOBACTER spp latex kit		
					Result	RFV	VT	Latex	Latex control	Result		Latex	Latex control	Result
39	*Enterobacter*	*spp*	D7	Poultry	-	80	0.01	+ (1)	+ (1)	-	St	/	/	/
40	*Enterococcus*	*durans*	Ad148	Ham	-	144	0.03	-	-	-	St	/	/	/
41	*Enterococcus*	*faecalis*	25	Chicken leg	-	130	0.03	- (3)	- (3)	-	St	/	/	/
42	*Enterococcus*	*faecium*	Ad1883	Turkey skin	-	145	0.03	-	-	-	St	/	/	/
43	*Enterococcus*	*gallinarum*	Ad1885	Poultry	-	120	0.02	-	-	-	St	/	/	/
44	*Enterococcus*	*gallinarum*	Ad1145	Guacamole	-	124	0.03	-	-	-	St	/	/	/
45	*Escherichia*	*coli*	Ad 241	Chicken	-	77	0.01	-	+ (1)	-	St	/	/	/
46	*Escherichia*	*coli*	Ad1915	Chicken leg	-	161	0.03	-	-	-	-	-	-	-
47	*Escherichia*	*coli*	Ad1999	Chicken meat (no skin)	-	156	0.03	-	-	-	-	-	-	-
48	*Escherichia*	*coli*	Ad 2000	Chicken meat (no skin)	-	156	0.03	+	+ (1)	-	-	+	+	-
49	*Escherichia*	*coli*	Ad 2001	Chicken meat (no skin)	-	156	0.03	+	+	-	-	+ (2) d	+	-
50	*Escherichia*	*fergusonii*	Ad1381	Water	-	154	0.03	-	-	-	St	/	/	/
51	*Escherichia*	*vulneris*	127	Raw milk	-	152	0.03	-	-	-	St	/	/	/
52	*Flavobacterium*	*hydratis*	Ad1323	Liquid egg (support)	-	155	0.03	- (3)	- (3)	-	St	/	/	/
53	*Flavobacterium*	*indologenes*	26	Non pasteurized liquid egg	-	154	0.03	-	-	-	St	/	/	/
54	*Gluconobacter*	*cerinus*	Ad374	Fruit-based dietary supplement	-	147	0.03	-	-	-	St	/	/	/

EXCLUSIVITY															
N°	Strain		Reference	Origin	VIDAS test (non-selective broth)			Columbia blood agar (CBA) CAMPYLOBACTER spp latex kit			CampyFood agar 41.5°C			
											Growth *	CAMPYLOBACTER spp latex kit		
					Result	RFV	VT	Latex	Latex control	Result		Latex	Latex control	Result
55	*Gluconobacter*	*oxydans*	Ad997	Sweat drink (low pH)	-	89	0.02	-	-	-	St	/	/	/
56	*Hafnia*	*alvei*	168	Mechanically separated duck meat (raw)	-	210	0.04	-	-	-	St	/	/	/
57	*Hafnia*	*alvei*	A00C067	Cockerel	-	152	0.03	- (3)	- (3)	-	St	/	/	/
58	*Klebsiella*	*pneumoniae subsp pneumoniae*	47	Raw turkey skin	-	158	0.03	+ (2)	+ (2)	-	St	/	/	/
59	*Lactobacillus*	*brevis*	Ad405	Ham	-	153	0.03	-	-	-	St	/	/	/
60	*Lactobacillus*	*curvatus*	Ad379	Salted meat products	-	149	0.03	-	-	-	St	/	/	/
61	*Lactobacillus*	*paraplantarum*	Ad372	Sausage	-	154	0.03	-	-	-	St	/	/	/
62	*Lactobacillus*	*sakei*	Ad404	Ham	-	144	0.03	-	-	-	St	/	/	/
63	*Lactobacillus*	*vermoldensis*	Ad373	Sausage	-	151	0.03	-	-	-	St	/	/	/
64	*Lactobacillus*	*sp.*	Ad1906	Duck breast	-	156	0.03	-	-	-	St	/	/	/
65	*Moraxella*		49.7	Chicken	-	159	0.03	+	+	-	St	/	/	/
66	*Moraxella*		51.11	Chicken	-	153	0.03	-	-	-	St	/	/	/
67	*Myroïdes*	*odoratiminus*	Ad1341	Liquid egg	-	156	0.03	-	-	-	St	/	/	/
68	*Ochrobactrum*	*pseudintermedius*	Ad1057	Turkey skin	-	221	0.05	-	-	-	+	-	-	-
69	*Ochrobactrum*	*pseudintermedius*	Ad1058	Turkey neck skin	-	218	0.05	-	-	-	+	-	-	-
70	*Ochrobactrum*	*sp.*	Ad1916	Chicken meat (no skin)	-	172	0.04	-	-	-	-	- (3)	-	-
71	*Ochrobactrum*	*sp.*	Ad2006	Pork feces	-	162	0.03	-	-	-	-	-	-	-
72	*Pandoraea*	*sp.*	Ad1882	/	-	161	0.03	-	-	-	+ d	- (3)	-	-

EXCLUSIVITY															
N°	Strain		Reference	Origin	VIDAS test (non-selective broth)			Columbia blood agar (CBA) CAMPYLOBACTER spp latex kit			CampyFood agar 41.5°C			
											Growth *	CAMPYLOBACTER spp latex kit		
					Result	RFV	VT	Latex	Latex control	Result		Latex	Latex control	Result
73	*Petrobacter*	*succinimandens*	Ad423	/	-	152	0.03	-	-	-	St	/	/	/
74	*Photobacterium*	*phosphoreum*	Ad1506	Salmon	-	144	0.03	-	-	-	St	/	/	/
75	*Plesiomonas*	*shigelloïdes*	Ad673	Fish	-	154	0.03	-	-	-	St	/	/	/
76	*Providencia*	*stuartii*	46	Poultry leg	-	129	0.03	- (3)	- (3)	-	St	/	/	/
77	*Pseudomonas*	*aeruginosa*	Ad1528	River water	-	152	0.03	- (3)	- (3)	-	St	/	/	/
78	*Pseudomonas*	*fluorescens*	J2	Spoiled ham	-	154	0.03	- (3)	- (3)	-	St	/	/	/
79	*Pseudomonas*	*fragi*	Ad1327	Liquid egg	-	155	0.03	-	- (3)	-	St	/	/	/
80	*Pseudomonas*	*otitidis*	Ad1880	Turkey skin	-	152	0.03	- (3)	- (3)	-	St	/	/	/
81	*Pseudomonas*	*pseudo alcaligenes*	Ad1592	Environment water	-	155	0.03	-	-	-	St	/	/	/
82	*Pseudomonas*	*putida*	J7	Spoiled ham	-	156	0.03	-	-	-	-	- (3)	- (3)	-
83	*Pseudomonas*	*putida*	4	Poultry	-	154	0.03	-	-	-	St	/	/	/
84	*Pseudomonas*	*sp.*	Ad 2004	Poultry processing water	-	154	0.03	-	-	-	+	- (3)	- (3)	-
85	*Pseudomonas*	*stutzeri*	Ad1593	Environment water	-	154	0.03	-	-	-	St	/	/	/
86	*Pseudomonas*	*veronii*	Ad1588	Industrial environment	-	155	0.03	-	-	-	-	-	-	-
87	*Psychrobacter*	*psychrophilus*	Ad1343	Liquid egg	-	151	0.03	-	-	-	St	/	/	/
88	*Ralstonia*	*mannitolilytica*	Ad1059	Turkey neck skin	-	157	0.03	-	-	-	+ d	-	-	-
89	*Ralstonia*	*mannitolilytica*	DSM17512	/	-	154	0.03	-	-	-	+	-	-	-
90	*Serratia*	*liquefaciens*	87a	Minced gizzards	-	151	0.03	- (3)	-	-	St	/	/	/
91	*Shewanella*	*putrefasciens*	EN15/34	Trout	-	218	0.05	-	-	-	St	/	/	/

EXCLUSIVITY															
N°	Strain		Reference	Origin	VIDAS test (non-selective broth)			Columbia blood agar (CBA) CAMPYLOBACTER spp latex kit			CampyFood agar 41.5°C			
											Growth *	CAMPYLOBACTER spp latex kit		
					Result	RFV	VT	Latex	Latex control	Result		Latex	Latex control	Result
92	*Shigella*	*flexneri*	Ad2002	Chicken leg	-	155	0.03	+ (1)	+ (2)	-	-	+ (2)	+ (2)	-
93	*Shigella*	*sonnei*	CIP82.49T	/	-	151	0.03	-	-	-	St	/	/	/
94	*Shigella*	*sp*	Ad1367	Swimming pool water	-	152	0.03	-	-	-	St	/	/	/
95	*Sphingobacterium*	*sp*	Ad1324	Liquid egg (support)	-	152	0.03	-	-	-	St	/	/	/
96	*Staphylococcus*	*aureus*	Ad906	Merguez	-	183	0.04	-	-	-	St	/	/	/
97	*Vibrio*	*alginolyticus*	Ad1888	Oyster	-	142	0.03	-	-	-	St	/	/	/
98	*Vibrio*	*cholereae*	Ad1887	Panga fish filet	-	144	0.03	+	+	-	St	/	/	/
99	*Vibrio*	*parahaemolyticus*	CIP75.2	/	-	156	0.03	-	-	-	St	/	/	/
100	*Yersinia*	*enterocolitica*	A00C066	Cockerel	-	146	0.03	-	-	-	St	/	/	/
101	*Shewanella*	*baltica*	Ad1700	Salmon	-	214	0.05	-	-	-	St	/	/	/

All the latex tests were performed on 1 isolated colony, except when mentioned in the result.

* : Characteristic colony = colony with red-Bordeaux to orange-red coloration with sometimes metallic sheen
- / + : First result obtained from 1 isolated colony / Second result obtained with pooled colonies
1: Presence of lumps
2: Fine granularity
3: Finer granularity hardly noticeable
d: Doubtful result
st: Sterile plate

Appendix 11 - VITEK MS extension study results (NF Validation 2014)

VITEK MS Result:
+: *Campylobacter coli*, *jejuni* or *lari*
-: different from *Campylobacter* genus
No result: no identification provided by the VITEK MS

INCLUSIVITY							
n°	Strain		Reference	Origin	CampyFood Broth (CFB): 48 h ± 4 h at 41.5°C		
					CampyFood Agar (CFA): 40 - 48h at 41.5°C		
					Colony	Confirmation result VITEK MS test V3.1	Columbia Blood Agar (CBA) Confirmation result VITEK MS test V3.1
1	*Campylobacter*	*coli*	Ad1004	Turkey skin	+	+	+
2	*Campylobacter*	*coli*	Ad1005	Turkey skin	+	+	+
3	*Campylobacter*	*coli*	Ad1007	Chicken skin	+	+	+
4	*Campylobacter*	*coli*	Ad1008	Turkey skin	+	+	+
5	*Campylobacter*	*coli*	Ad1009	Chicken skin	+	+	+
6	*Campylobacter*	*coli*	Ad1010	Chicken skin	+	+	+
7	*Campylobacter*	*coli*	Ad1011	Turkey skin	+	+	+
8	*Campylobacter*	*coli*	Ad1012	Chicken skin	+	+	+
9	*Campylobacter*	*coli*	Ad1018	Chicken leg	+	+	+
10	*Campylobacter*	*coli*	Ad1024	Chicken skin	+	+	+
11	*Campylobacter*	*coli*	Ad1025	Turkey neck skin	+	+	+
12	*Campylobacter*	*coli*	Ad1072	Turkey neck skin	+	+	+
13	*Campylobacter*	*coli*	Ad1073	Turkey neck skin	+	+	+
14	*Campylobacter*	*coli*	Ad1074	Turkey neck skin	+	+	+

INCLUSIVITY							
n°	Strain		Reference	Origin	CampyFood Broth (CFB): 48 h ± 4 h at 41.5°C CampyFood Agar (CFA): 40 - 48h at 41.5°C		
					Colony	Confirmation result VITEK MS test V3.1	Columbia Blood Agar (CBA) Confirmation result VITEK MS test V3.1
15	*Campylobacter*	*coli*	Ad1075	Turkey neck skin	+	+	+
16	*Campylobacter*	*coli*	Ad1077	Turkey neck skin	+	+	+
17	*Campylobacter*	*coli*	Ad1087	Chicken neck skin	+	+	+
18	*Campylobacter*	*coli*	Ad1121	Faecum	+	+	+
19	*Campylobacter*	*coli*	Ad1122	Faecum	+	+	+
20	*Campylobacter*	*coli*	Ad1123	Beef tream	+	+	+
21	*Campylobacter*	*coli*	Ad1125	Chicken	+	+	+
22	*Campylobacter*	*coli*	Ad1477	Carcass	+	+	+
23	*Campylobacter*	*coli*	Ad1478	Carcass	+	+	+
24	*Campylobacter*	*coli*	Ad1479	Carcass	+	+	+
25	*Campylobacter*	*coli*	Ad1480	Carcass	+	+	+
26	*Campylobacter*	*coli*	Ad1481	Carcass	+	+	+
27	*Campylobacter*	*coli*	Ad1485	Faecum	+	+	+
28	*Campylobacter*	*coli*	Ad1889	Pork environmental sample	+	+	+
29	*Campylobacter*	*coli*	CIP70.77	Faecum	+	+	+
30	*Campylobacter*	*coli*	CIP70.80	Faecum	+	+	+
31	*Campylobacter*	*coli*	Ad1893	Waste	+	+	+
32	*Campylobacter*	*coli*	Ad1894	Pork faecum	+	+	+
33	*Campylobacter*	*coli*	Ad1895	Pork faecum	+	+	+
34	*Campylobacter*	*coli*	Ad1897	Pork faecum	+	+	+
35	*Campylobacter*	*coli*	Ad1899	Pork faecum	+	+	+
36	*Campylobacter*	*coli*	Ad1900	Pork faecum	+	+	+

INCLUSIVITY							
n°	Strain		Reference	Origin	CampyFood Broth (CFB): 48 h ± 4 h at 41.5°C CampyFood Agar (CFA): 40 - 48h at 41.5°C		
					Colony	Confirmation result VITEK MS test V3.1	Columbia Blood Agar (CBA) Confirmation result VITEK MS test V3.1
37	*Campylobacter*	*coli*	Ad1901	Chicken meat	+	+	+
38	*Campylobacter*	*coli*	Ad1902	Chicken meat	+	+	+
39	*Campylobacter*	*coli*	Ad1905	Leg duck	+	+	+
40	*Campylobacter*	*coli*	Ad1907	Leg duck	+	+	+
41	*Campylobacter*	*coli*	Ad1908	Duck meat	+	+	+
42	*Campylobacter*	*coli*	Ad1909	Chicken meat	+	+	+
43	*Campylobacter*	*coli*	Ad1924	Chicken	+	+	+
44	*Campylobacter*	*coli*	Ad1925	Chicken	+	+	+
45	*Campylobacter*	*coli*	Ad1926	Chicken	+	+	+
46	*Campylobacter*	*coli*	Ad1927	Chicken	+	+	+
47	*Campylobacter*	*coli*	Ad1928	Chicken	+	+	+
48	*Campylobacter*	*coli*	Ad1929	Chicken	+	+	+
49	*Campylobacter*	*coli*	Ad1930	Chicken	+	+	+
50	*Campylobacter*	*coli*	Ad1938	Chicken	+	+	+
51	*Campylobacter*	*coli*	Ad1939	Chicken	+	No result	+
52	*Campylobacter*	*coli*	Ad1940	Chicken	+	+	+
53	*Campylobacter*	*coli*	Ad1941	Chicken	+	+	+
54	*Campylobacter*	*coli*	Ad1942	Chicken	+	+	+
55	*Campylobacter*	*coli*	Ad1943	Chicken	+	+	+
56	*Campylobacter*	*coli*	Ad1944	Chicken	+	+	+
57	*Campylobacter*	*coli*	Ad1952	Turkey	+	+	+
58	*Campylobacter*	*coli*	Ad1953	Turkey	+	+	+

INCLUSIVITY							
n°	Strain		Reference	Origin	CampyFood Broth (CFB): 48 h ± 4 h at 41.5°C CampyFood Agar (CFA): 40 - 48h at 41.5°C		
					Colony	Confirmation result VITEK MS test V3.1	Columbia Blood Agar (CBA) Confirmation result VITEK MS test V3.1
59	*Campylobacter*	*coli*	Ad1954	Turkey	+	+	+
60	*Campylobacter*	*coli*	Ad1955	Turkey	+	+	+
61	*Campylobacter*	*coli*	Ad1956	Turkey	+	+	+
62	*Campylobacter*	*coli*	Ad1957	Turkey	+	+	+
63	*Campylobacter*	*coli*	Ad1958	Turkey	+	+	+
64	*Campylobacter*	*coli*	Ad1959	Pork	+	+	+
65	*Campylobacter*	*coli*	Ad1960	Pork	+	+	+
66	*Campylobacter*	*coli*	Ad1961	Pork	+	+	+
67	*Campylobacter*	*coli*	Ad1962	Pork	+	+	+
68	*Campylobacter*	*coli*	Ad1963	Pork	+	+	+
69	*Campylobacter*	*coli*	Ad1964	Pork	+	+	+
70	*Campylobacter*	*coli*	Ad1965	Pork	+	+	+
71	*Campylobacter*	*coli*	Ad1966	Pork	+	+	+
72	*Campylobacter*	*coli*	Ad1967	Pork	+	+	+
73	*Campylobacter*	*coli*	Ad1968	Pork	+	+	+
74	*Campylobacter*	*coli*	Ad1969	Pork	+	+	+
75	*Campylobacter*	*coli*	Ad1970	Pork	+	+	+
76	*Campylobacter*	*coli*	Ad1971	Pork	+	+	+
77	*Campylobacter*	*coli*	Ad1972	Pork	+	+	+
78	*Campylobacter*	*coli*	Ad1980	River water	+	+	+
79	*Campylobacter*	*coli*	Ad1981	River water	+	+	+
80	*Campylobacter*	*coli*	Ad1982	River water	+	+	+

INCLUSIVITY							
n°	Strain		Reference	Origin	CampyFood Broth (CFB): 48 h ± 4 h at 41.5°C CampyFood Agar (CFA): 40 - 48h at 41.5°C		
					Colony	Confirmation result VITEK MS test V3.1	Columbia Blood Agar (CBA) Confirmation result VITEK MS test V3.1
81	*Campylobacter*	*coli*	Ad1983	River water	+	+	+
82	*Campylobacter*	*coli*	Ad1984	River water	+	+	+
83	*Campylobacter*	*coli*	Ad1985	River water	+	+	+
84	*Campylobacter*	*jejuni*	Ad1000	Turkey neck skin	+	+	+
85	*Campylobacter*	*jejuni*	Ad1002	Turkey neck skin	+	+	+
86	*Campylobacter*	*jejuni*	Ad1003	Turkey neck skin	+	+	+
87	*Campylobacter*	*jejuni*	Ad1013	Chicken skin	+	+	+
88	*Campylobacter*	*jejuni*	Ad1014	Chicken neck skin	+	+	+
89	*Campylobacter*	*jejuni*	Ad1015	Chicken skin	+	+	+
90	*Campylobacter*	*jejuni*	Ad1016	Chicken skin	+	+	+
91	*Campylobacter*	*jejuni*	Ad1021	Chicken neck skin	+	+	+
92	*Campylobacter*	*jejuni*	Ad1023	Turkey neck skin	+	+	+
93	*Campylobacter*	*jejuni*	Ad1076	Turkey neck skin	+	+	+
94	*Campylobacter*	*jejuni*	Ad1078	Turkey neck skin	+	+	+
95	*Campylobacter*	*jejuni*	Ad1079	Turkey neck skin	+	+	+
96	*Campylobacter*	*jejuni*	Ad1080	Turkey neck skin	+	+	+
97	*Campylobacter*	*jejuni*	Ad1081	Turkey neck skin	+	+	+
98	*Campylobacter*	*jejuni*	Ad1082	Turkey neck skin	+	+	+
99	*Campylobacter*	*jejuni*	Ad1083	Turkey neck skin	+	+	+
100	*Campylobacter*	*jejuni*	Ad1084	Chicken neck skin	+	+	+
101	*Campylobacter*	*jejuni*	Ad1085	Chicken neck skin	+	+	+
102	*Campylobacter*	*jejuni*	Ad1086	Chicken neck skin	+	+	+

INCLUSIVITY							
n°	Strain		Reference	Origin	CampyFood Broth (CFB): 48 h ± 4 h at 41.5°C CampyFood Agar (CFA): 40 - 48h at 41.5°C		
					Colony	Confirmation result VITEK MS test V3.1	Columbia Blood Agar (CBA) Confirmation result VITEK MS test V3.1
103	*Campylobacter*	*jejuni*	Ad1088	Chicken neck skin	+	+	+
104	*Campylobacter*	*jejuni*	Ad1089	Chicken neck skin	+	+	+
105	*Campylobacter*	*jejuni*	CIP70.54	Faecum	+	+	+
106	*Campylobacter*	*jejuni*	Ad1892	Carcass	+	+	+
107	*Campylobacter*	*jejuni*	Ad1910	Chicken meat	+	+	+
108	*Campylobacter*	*jejuni*	Ad1917	Chicken	+	+	+
109	*Campylobacter*	*jejuni*	Ad1918	Chicken	+	+	+
110	*Campylobacter*	*jejuni*	Ad1919	Chicken	+	+	+
111	*Campylobacter*	*jejuni*	Ad1920	Chicken	+	+	+
112	*Campylobacter*	*jejuni*	Ad1921	Chicken	+	+	+
113	*Campylobacter*	*jejuni*	Ad1922	Chicken	+	+	+
114	*Campylobacter*	*jejuni*	Ad1923	Chicken	+	+	+
115	*Campylobacter*	*jejuni*	Ad1932	Chicken	+	+	+
116	*Campylobacter*	*jejuni*	Ad1933	Chicken	+	+	+
117	*Campylobacter*	*jejuni*	Ad1934	Chicken	+	+	+
118	*Campylobacter*	*jejuni*	Ad1935	Chicken	+	+	+
119	*Campylobacter*	*jejuni*	Ad1936	Chicken	+	+	+
120	*Campylobacter*	*jejuni*	Ad1946	Turkey	+	+	+
121	*Campylobacter*	*jejuni*	Ad1947	Turkey	+	+	+
122	*Campylobacter*	*jejuni*	Ad1948	Turkey	+	+	+
123	*Campylobacter*	*jejuni*	Ad1949	Turkey	+	+	+
124	*Campylobacter*	*jejuni*	Ad1950	Turkey	+	+	+

INCLUSIVITY							
n°	Strain		Reference	Origin	CampyFood Broth (CFB): 48 h ± 4 h at 41.5°C CampyFood Agar (CFA): 40 - 48h at 41.5°C		
					Colony	Confirmation result VITEK MS test V3.1	Columbia Blood Agar (CBA) Confirmation result VITEK MS test V3.1
125	*Campylobacter*	*jejuni*	Ad1974	River water	+	+	+
126	*Campylobacter*	*jejuni*	Ad1975	River water	+	+	+
127	*Campylobacter*	*jejuni*	Ad1976	River water	+	+	+
128	*Campylobacter*	*jejuni*	Ad1977	River water	+	+	+
129	*Campylobacter*	*jejuni*	Ad1978	River water	+	+	+
130	*Campylobacter*	*jejuni*	Ad1979	River water	+	+	+
131	*Campylobacter*	*jejuni*	Ad1988	Wind bird	+	+	+
132	*Campylobacter*	*jejuni*	Ad1989	Wind bird	+	+	+
133	*Campylobacter*	*jejuni*	Ad1990	Wind bird	+	+	+
134	*Campylobacter*	*jejuni*	Ad1991	Wind bird	+	+	+
135	*Campylobacter*	*jejuni*	Ad1992	Wind bird	+	+	+
136	*Campylobacter*	*jejuni subsp jejuni*	ATCC33291	/	+	+	+
137	*Campylobacter*	*jejuni subsp jejuni*	CIP70.2	/	+	+	+
138	*Campylobacter*	*lari*	Ad1067	Turkey neck skin	+	+	+
139	*Campylobacter*	*lari*	Ad1130	/	+	+	+
140	*Campylobacter*	*lari*	ATCC35222	/	+	+	+
141	*Campylobacter*	*lari*	CIP102722 T	/	+	+	+
142	*Campylobacter*	*upsaliensis*	Ad1139	Faecum	+	+	+
143	*Campylobacter*	*upsaliensis*	ATCC43954	Environmental sample	+	+	+
144	*Campylobacter*	*upsaliensis*	ATCC49815	/	+	+	+
145	*Campylobacter*	*upsaliensis*	ATCC49816	Human faecum	+	+	+
146	*Campylobacter*	*upsaliensis*	CIP103681	/	+	+	+

INCLUSIVITY							
n°	Strain		Reference	Origin	CampyFood Broth (CFB): 48 h ± 4 h at 41.5°C CampyFood Agar (CFA): 40 - 48h at 41.5°C		
					Colony	Confirmation result VITEK MS test V3.1	Columbia Blood Agar (CBA) Confirmation result VITEK MS test V3.1
147	*Campylobacter*	*subantarcticus*	Ad1891	/	+	+	+
148	*Campylobacter*	*lari subsp. concheus*	Ad1911	/	+	+	+
149	*Campylobacter*	*hyointestinalis*	Ad1898	Pork faecum	+	+	+
150	*Campylobacter*	*hyointestinalis*	Ad1896	Pork faecum	+	+	+

VITEK MS result:
st: no colony on the plate
-: VITEK MS result different from *Campylobacter coli*, *jejuni* or *lari*
No result: no identification provided by the VITEK MS

EXCLUSIVITY							
n°	**Strain**		**Reference**	**Origin**	**CampyFood Agar (CFA): 40-48h at 41.5°C**		**CBA: 40-48h at optimal growth T°**
					Colony	**VITEK MS test V3.1 Confirmation result**	**VITEK MS test V3.1 Confirmation result**
1	*Acinetobacter*	*baumanii*	Ad1090	Hemoglobin	+	-	-
2	*Acinetobacter*	*calco var anitrat*	1	Poultry	st	/	-
3	*Acinetobacter*	*calcoaceticus*	Ad1092	Poultry meat	+	-	-
4	*Acinetobacter*	*johnsonii*	Ad1317	Whole egg	st	/	-
5	*Acinetobacter*	*sp.*	Ad 1551	Water	st	/	No result
6	*Acinetobacter*	*sp.*	Adria5	/	st	/	-
7	*Aeromonas*	*allosaccharophile*	Ad1318	Whole egg	st	/	-
8	*Aeromonas*	*allosaccharophile*	Ad1518	Whole egg	st	/	-
9	*Aeromonas*	*hydrophila*	CIP5750	/	st	/	-
10	*Aeromonas*	*hydrophila*	CIP74.30	/	st	/	-
11	*Aeromonas*	*punctata*	Ad1329	Whole egg	st	/	-
12	*Aeromonas*	*punctata*	Ad1517	Whole egg	st	/	-
13	*Aeromonas*	*salmonicida*	Ad1319	Whole egg	st	/	-
14	*Aeromonas*	*salmonicida*	Ad1716	Whole egg	st	/	-
15	*Aeromonas*	*sobria*	CIP74.33	/	st	/	-

EXCLUSIVITY							
n°	**Strain**		**Reference**	**Origin**	**CampyFood Agar (CFA): 40-48h at 41.5°C**		**CBA: 40-48h at optimal growth T°**
					Colony	**VITEK MS test V3.1 Confirmation result**	**VITEK MS test V3.1 Confirmation result**
16	*Agrobacterium*	*tumefasciens*	Ad1550	Water	st	/	-
17	*Alcaligenes*	*faecalis*	ATCC8750	/	st	/	-
18	*Arcobacter*	*butzleri*	CIP103493	/	st	/	-
19	*Arcobacter*	*butzleri*	Ad1126	Chicken	st	/	-
20	*Arcobacter*	*butzleri*	Ad1881	Environmental sample	+	-	-
21	*Arcobacter*	*cryaerophilus*	CIP104014	/	st	/	-
22	*Arcobacter*	*cryarerophilus*	Ad1124	Chicken	st	/	-
23	*Arcobacter*	*skirrowii*	DSM7302	/	st	/	-
24	*Burkholderia*	*sp.*	Ad 2003	Environmental sample	+	-	No result
25	*Burkholderia*	*spp*	Ad1587	Mud	st	/	No result
26	*Burkholderia*	*vietnamiensis*	Ad1538	Ground	+	-	-
27	*Campylobacter*	*fetus*	Ad1069	Chicken	+	-	-
28	*Campylobacter*	*fetus*	Ad1068	Chicken	+	-	-
29	*Carnobacterium*	*mobile*	ATCC49516	Chicken	st	/	No result
30	*Chryseobacterium*	*sp*	Ad1322	Whole egg	st	/	-
31	*Chryseobacterium*	*ureilyticum*	Ad1340	Whole egg	st	/	-
32	*Citrobacter*	*freundii*	54	Poultry meat	st	/	-
33	*Citrobacter*	*freundii*	Ad173	Chicken liver	st	/	-
34	*Comamonas*	*aquatica*	Ad1543	Water	+	-	-
35	*Comamonas*	*sp.*	Ad1537	Ground	st	/	-

EXCLUSIVITY							
n°	**Strain**		**Reference**	**Origin**	**CampyFood Agar (CFA): 40-48h at 41.5°C**		**CBA: 40-48h at optimal growth T°**
					Colony	**VITEK MS test V3.1 Confirmation result**	**VITEK MS test V3.1 Confirmation result**
36	*Enterobacter*	*amnigenus*	A00C068	Cockerel	st	/	No result
37	*Enterobacter*	*intermedius*	88a	Gizzard	st	/	-
38	*Enterobacter*	*fergusoni*	2876	Environmental sample	st	/	-
39	*Enterobacter*	*spp*	D7	Poultry	st	/	-
40	*Enterococcus*	*durans*	Ad148	Ham	st	/	-
41	*Enterococcus*	*faecalis*	25	Chicken meat	st	/	-
42	*Enterococcus*	*faecium*	Ad1883	Turkey skin	st	/	-
43	*Enterococcus*	*gallinarum*	Ad1885	Poultry	st	/	-
44	*Enterococcus*	*gallinarum*	Ad1145	Guacamole	st	/	-
45	*Escherichia*	*coli*	Ad 241	Chicken	st	/	-
46	*Escherichia*	*coli*	Ad1915	Chicken meat	+	-	-
47	*Escherichia*	*coli*	Ad1999	Chicken meat	+	-	-
48	*Escherichia*	*coli*	Ad 2000	Chicken meat	+	-	-
49	*Escherichia*	*coli*	Ad 2001	Chicken meat	+	-	-
50	*Escherichia*	*fergusonii*	Ad1381	Water	st	/	-
51	*Escherichia*	*vulneris*	127	Raw milk	st	/	-
52	*Flavobacterium*	*hydratis*	Ad1323	Whole egg	st	/	-
53	*Flavobacterium*	*indologenes*	26	Whole egg	st	/	No result
54	*Gluconobacter*	*cerinus*	Ad374	Food sample	st	/	No result
55	*Gluconobacter*	*oxydans*	Ad997	Beverage	st	/	No result

EXCLUSIVITY							
n°	**Strain**		**Reference**	**Origin**	**CampyFood Agar (CFA): 40-48h at 41.5°C**		**CBA: 40-48h at optimal growth T°**
					Colony	**VITEK MS test V3.1 Confirmation result**	**VITEK MS test V3.1 Confirmation result**
56	*Hafnia*	*alvei*	168	Duck meat	st	/	-
57	*Hafnia*	*alvei*	A00C067	Cockerel	st	/	-
58	*Klebsiella*	*pneumoniae subsp pneumoniae*	47	Turkey skin	st	/	-
59	*Lactobacillus*	*brevis*	Ad405	Meat	st	/	-
60	*Lactobacillus*	*curvatus*	Ad379	Food sample	st	/	-
61	*Lactobacillus*	*paraplantarum*	Ad372	Delicatessen	st	/	-
62	*Lactobacillus*	*sakei*	85L905	Meat	st	/	-
63	*Lactobacillus*	*vermoldensis*	Ad373	Delicatessen	st	/	No result
64	*Lactobacillus*	*sp.*	Ad1906	Duck meat	st	/	-
65	*Moraxella*		49.7	Chicken	st	/	-
66	*Moraxella*		51.11	Chicken	st	/	No result
67	*Myroïdes*	*odoratiminus*	Ad1341	Whole egg	st	/	No result
68	*Ochrobactrum*	*pseudintermedius*	Ad1057	Turkey skin	+	-	-
69	*Ochrobactrum*	*pseudintermedius*	Ad1058	Turkey skin	+	-	-
70	*Ochrobactrum*	*sp.*	Ad1916	Chicken meat	+	-	-
71	*Ochrobactrum*	*sp.*	Ad2006	Pork faecum	+	-	-
72	*Pandoraea*	*sp.*	Ad1882	/	+	-	-
73	*Petrobacter*	*succinimandens*	Ad423	/	st	/	No result
74	*Photobacterium*	*phosphoreum*	Ad1506	Salmon	st	/	-

EXCLUSIVITY							
n°	**Strain**		**Reference**	**Origin**	**CampyFood Agar (CFA): 40-48h at 41.5°C**		**CBA: 40-48h at optimal growth T°**
					Colony	**VITEK MS test V3.1 Confirmation result**	**VITEK MS test V3.1 Confirmation result**
75	*Plesiomonas*	*shigelloïdes*	Ad673	Fish	st	/	-
76	*Providencia*	*stuartii*	46	Poultry meat	st	/	-
77	*Pseudomonas*	*aeruginosa*	Ad1528	River water	st	/	-
78	*Pseudomonas*	*fluorescens*	J2	Ham	st	/	-
79	*Pseudomonas*	*fragi*	Ad1327	Whole egg	st	/	-
80	*Pseudomonas*	*otitidis*	Ad1880	Skin meat	st	/	No result
81	*Pseudomonas*	*pseudo alcaligenes*	Ad1592	Water	st	/	-
82	*Pseudomonas*	*putida*	J7	Ham	st	/	-
83	*Pseudomonas*	*putida*	4	Poultry	+	-	-
84	*Pseudomonas*	*sp.*	Ad 2004	Process water	+	-	-
85	*Pseudomonas*	*stutzeri*	Ad1593	Water	st	/	-
86	*Pseudomonas*	*veronii*	Ad1588	Environmental sample	st	/	-
87	*Psychrobacter*	*psychrophilus*	Ad1343	Whole egg	st	/	-
88	*Ralstonia*	*mannitolilytica*	Ad1059	Turkey skin	+	-	-
89	*Ralstonia*	*mannitolilytica*	DSM17512	/	+	-	-
90	*Serratia*	*liquefaciens*	87a	Gizzard	st	/	-
91	*Shewanella*	*putrefasciens*	EN15/34	Trout	st	/	-
92	*Shigella*	*flexneri*	Ad2002	Chicken leg	+	-	-
93	*Shigella*	*sonnei*	CIP82.49T	/	st	/	-
94	*Shigella*	*sp*	Ad1367	Swimming pool water	st	/	-

EXCLUSIVITY							
n°	**Strain**		**Reference**	**Origin**	**CampyFood Agar (CFA): 40-48h at 41.5°C**		**CBA: 40-48h at optimal growth T°**
					Colony	**VITEK MS test V3.1 Confirmation result**	**VITEK MS test V3.1 Confirmation result**
95	*Sphingobacterium*	*sp*	Ad1324	Whole egg	st	/	-
96	*Staphylococcus*	*aureus*	Ad906	Sausage	st	/	-
97	*Vibrio*	*alginolyticus*	Ad1888	Olster	st	/	-
98	*Vibrio*	*cholereae*	Ad1887	Fish filet	st	/	-
99	*Vibrio*	*parahaemolyticus*	CIP75.2	/	st	/	-
100	*Yersinia*	*enterocolitica*	A00C066	Cockerel	st	/	-

Appendix 12 - Inter-laboratory study: raw data

N°	Dilution	Reference method: ISO/TS 10272-2						Alternative method: CampyFood Agar (CFA)				ISO 4833 method (cfu/g for one sample)
		Characteristic colonies		Confirmed colonies		Interpretation 2025		Characteristsic colonies	Confirmed colonies	Interpretation 2025 - Without confirmation		
		Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	CFU/g (rounded)	Log (CFU/g)	CFU/plate	CFU/plate	CFU/g (rounded)	Log (CFU/g)	
A3	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	5200
	100	0	0	/	/			0	/			
A6	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	
	100	0	0	/	/			0	/			
A5	10	68	54	68	54	680	2.83	57	57	550	2.74	
	100	7	8	7	8			3	3			
A8	10	65	53	65	53	630	2.80	54	54	530	2.72	
	100	4	6	4	6			4	4			
A1	100	45	55	45	55	4400	3.64	44	44	4100	3.61	
	1000	3	4	3	4			1	1			
A4	100	55	54	55	54	5500	3.74	30	30	3000	3.48	
	1000	6	3	6	3			3	3			
A2	1000	55	68	55	68	54000	4.73	44	44	44000	4.64	
	10000	4	3	4	3			4	4			
A7	1000	46	59	46	59	44000	4.64	45	45	45000	4.65	
	10000	2	6	2	6			4	4			

N°	Dilution	Reference method: ISO/TS 10272-2						Alternative method: CampyFood Agar (CFA)				ISO 4833 method (cfu/g for one sample)
		Characteristic colonies		Confirmed colonies		Interpretation 2025		Characteristsic colonies	Confirmed colonies	Interpretation 2025 - Without confirmation		
		Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	CFU/g (rounded)	Log (CFU/g)	CFU/plate	CFU/plate	CFU/g (rounded)	Log (CFU/g)	
B3	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	23000
	100	0	0	/	/			0	/			
B6	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	
	100	0	0	/	/			0	/			
B5	10	22	25	22	25	220	2.34	38	38	360	2.56	
	100	2	1	2	1			1	1			
B8	10	38	43	38	43	360	2.56	39	39	430	2.63	
	100	1	4	1	4			8	8			
B1	100	43	53	43	53	4200	3.62	32	32	3300	3.52	
	1000	3	9	3	9			4	4			
B4	100	47	50	47	50	4700	3.67	39	39	3600	3.56	
	1000	0	5	0	5			1	1			
B2	1000	29	11	29	11	28000	4.45	29	29	26000	4.41	
	10000	2	1	2	1			0	0			
B7	1000	26	52	26	52	29000	4.46	45	45	45000	4.65	
	10000	6	1	6	1			4	4			

N°	Dilution	Reference method: ISO/TS 10272-2						Alternative method: CampyFood Agar (CFA)				ISO 4833 method (cfu/g for one sample)
		Characteristic colonies		Confirmed colonies		Interpretation 2025		Characteristsic colonies	Confirmed colonies	Interpretation 2025 - Without confirmation		
		Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	CFU/g (rounded)	Log (CFU/g)	CFU/plate	CFU/plate	CFU/g (rounded)	Log (CFU/g)	
C3	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	4400
	100	0	0	/	/			0	/			
C6	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	
	100	0	0	/	/			0	/			
C5	10	15	8	15	8	140	2.15	1	1	10	1.00*	
	100	0	0	0	0			0	0			
C8	10	6	5	6	5	55	1.74	3	3	30	1.48*	
	100	0	0	0	0		Ne	0	0			
C1	10	100	138	100	138	980	2.99	62	62	580	2.76	
	100	8	4	8	4			2	2			
C4	10	130	102	130	102	1300	3.11	65	65	610	2.79	
	100	12	5	12	5			2	2			
C2	10	294	353	294	353	6200	3.79	151	151	1400	3.15	
	100	62	11	62	11			8	8			
C7	100	31	30	31	30	3000	3.48	53	53	5000	3.70	
	1000	2	1	2	1			2	2			

N°	Dilution	Reference method: ISO/TS 10272-2						Alternative method: CampyFood Agar (CFA)				ISO 4833 method (cfu/g for one sample)
		Characteristic colonies		Confirmed colonies		Interpretation 2025		Characteristsic colonies	Confirmed colonies	Interpretation 2025 - Without confirmation		
		Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	CFU/g (rounded)	Log (CFU/g)	CFU/plate	CFU/plate	CFU/g (rounded)	Log (CFU/g)	
D3	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	16000
	100	0	0	/	/			0	/			
D6	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	
	100	0	0	/	/			0	/			
D5	100	6	1	6	1	640	2.81	3	3	300	2.48*	
	1000	1	0	1	0		Ne	0	0			
D8	100	4	3	4	3	360	2.56	7	7	640	2.81	
	1000	0	0	0	0		Ne	0	0		Ne	
D1	100	39	52	39	52	3600	3.56	39	39	3900	3.59	
	1000	1	5	1	5			4	4			
D4	100	73	50	73	50	7800	3.89	84	84	8200	3.91	
	1000	13	7	13	7			6	6			
D2	1000	51	41	51	41	52000	4.72	32	32	31000	4.49	
	10000	6	7	6	7			2	2			
D7	1000	53	51	53	51	53000	4.72	47	47	50000	4.70	
	10000	5	5	5	5			8	8			

N°	Dilution	Reference method: ISO/TS 10272-2						Alternative method: CampyFood Agar (CFA)				ISO 4833 method (cfu/g for one sample)
		Characteristic colonies		Confirmed colonies		Interpretation 2025		Characteristsic colonies	Confirmed colonies	Interpretation 2025 - Without confirmation		
		Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	CFU/g (rounded)	Log (CFU/g)	CFU/plate	CFU/plate	CFU/g (rounded)	Log (CFU/g)	
E3	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	24000
	100	0	0	/	/			0	/			
E6	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	
	100	0	0	/	/			0	/			
E5	10	32	26	32	26	310	2.49	30	30	290	2.46	
	100	2	1	2	1			2	2			
E8	10	39	20	39	20	400	2.60	34	34	350	2.54	
	100	5	2	5	2			4	4			
E1	10	219	237	219	237	1200	3.08	211	211	1200	3.08	
	100	12	13	12	13			12	12			
E4	100	29	19	29	19	2800	3.45	30	30	3200	3.51	
	1000	2	0	2	0			5	5			
E2	1000	20	14	20	14	20000	4.30	9	9	8200	3.91	
	10000	2	0	2	0			0	0		Ne	
E7	1000	42	39	42	39	39000	4.59	44	44	42000	4.62	
	10000	1	1	1	1			2	2			

N°	Dilution	Reference method: ISO/TS 10272-2						Alternative method: CampyFood Agar (CFA)				ISO 4833 method (cfu/g for one sample)
		Characteristic colonies		Confirmed colonies		Interpretation 2025		Characteristsic colonies	Confirmed colonies	Interpretation 2025 - Without confirmation		
		Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	CFU/g (rounded)	Log (CFU/g)	CFU/plate	CFU/plate	CFU/g (rounded)	Log (CFU/g)	
F3	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	30000
	100	0	0	/	/			0	/			
F6	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	
	100	0	0	/	/			0	/			
F5	10	26	55	25	55	250	2.40	37	37	360	2.56	
	100	2	0	2	0			2	2			
F8	10	30	38	30	38	270	2.43	51	51	480	2.68	
	100	0	2	0	2			2	2			
F1	100	19	37	19	37	2000	3.30	28	28	2800	3.45	
	1000	3	2	3	2			3	3			
F4	100	27	14	27	14	3000	3.48	16	16	1500	3.18	
	1000	6	4	6	4			0	0			
F2	100	33	36	33	36	3100	3.49	21	21	2300	3.36	
	1000	1	2	1	2			4	4			
F7	100	125	173	125	173	13000	4.11	165	165	14000	4.15	
	1000	34	42	34	42			14	14			

N°	Dilution	Reference method: ISO/TS 10272-2						Alternative method: CampyFood Agar (CFA)				ISO 4833 method (cfu/g for one sample)
		Characteristic colonies		Confirmed colonies		Interpretation 2025		Characteristsic colonies	Confirmed colonies	Interpretation 2025 - Without confirmation		
		Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	CFU/g (rounded)	Log (CFU/g)	CFU/plate	CFU/plate	CFU/g (rounded)	Log (CFU/g)	
G3	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	6600
	100	0	0	/	/			0	/			
G6	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	
	100	0	0	/	/			0	/			
G5	10	27	35	27	35	260	2.41	35	35	330	2.52	
	100	2	1	2	1			1	1			
G8	10	32	49	32	49	340	2.53	39	39	370	2.57	
	100	5	8	5	8			2	2			
G1	10	287	204	287	204	2900	3.46	159	159	1500	3.18	
	100	29	30	29	30			15	15			
G4	10	328	299	328	299	3000	3.48	230	230	3400	3.53	
	100	30	16	30	16			34	34			
G2	100	133	144	133	144	13000	4.11	360	360	27000	4.43	
	1000	38	33	38	33			27	27			
G7	100	130	194	130	194	13000	4.11	300	300	12000	4.08	
	1000	27	33	27	33			12	12			

N°	Dilution	Reference method: ISO/TS 10272-2						Alternative method: CampyFood Agar (CFA)				ISO 4833 method (cfu/g for one sample)
		Characteristic colonies		Confirmed colonies		Interpretation 2025		Characteristsic colonies	Confirmed colonies	Interpretation 2025 - Without confirmation		
		Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	CFU/g (rounded)	Log (CFU/g)	CFU/plate	CFU/plate	CFU/g (rounded)	Log (CFU/g)	
H3	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	36000
	100	0	0	/	/			0	/			
H6	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	
	100	0	0	/	/			0	/			
H5	10	46	35	46	35	460	2.66	8	8	73	1.86	
	100	4	4	4	4			0	0		Ne	
H8	10	49	59	49	59	480	2.68	38	38	380	2.58	
	100	4	5	4	5			4	4			
H1	10	113	132	113	132	1200	3.08	116	116	1100	3.04	
	100	18	13	18	13			6	6			
H4	10	169	175	169	175	1400	3.15	107	107	1000	3.00	
	100	14	16	14	16			6	6			
H2	100	73	81	73	81	7100	3.85	26	26	2500	3.40	
	1000	5	10	5	10			1	1			
H7	100	75	93	75	93	7500	3.88	73	73	7500	3.88	
	1000	20	12	20	12			10	10			

N°	Dilution	Reference method: ISO/TS 10272-2						Alternative method: CampyFood Agar (CFA)				ISO 4833 method (cfu/g for one sample)
		Characteristic colonies		Confirmed colonies		Interpretation 2025		Characteristsic colonies	Confirmed colonies	Interpretation 2025 - Without confirmation		
		Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	CFU/g (rounded)	Log (CFU/g)	CFU/plate	CFU/plate	CFU/g (rounded)	Log (CFU/g)	
I3	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	32000
	100	0	0	/	/			0	/			
I6	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	
	100	0	0	/	/			0	/			
I5	10	47	31	47	31	450	2.65	21	21	200	2.30	
	100	2	1	2	1			1	1			
I8	10	42	63	42	63	410	2.61	24	24	230	2.36	
	100	3	8	3	8			1	1			
I1	10	481	519	481	519	4800	3.68	300	300	2200	3.34	
	100	0	1	0	1			22	22			
I4	10	366	392	366	392	3300	3.52	214	214	2000	3.30	
	100	33	22	33	22			20	20			
I2	100	172	164	172	164	11000	4.04	94	94	9500	3.98	
	1000	11	13	11	13			11	11			
I7	100	272	275	272	275	25000	4.40	161	161	14000	4.15	
	1000	25	18	25	18			14	14			

N°	Dilution	Reference method: ISO/TS 10272-2						Alternative method: CampyFood Agar (CFA)				ISO 4833 method (cfu/g for one sample)
		Characteristic colonies		Confirmed colonies		Interpretation 2025		Characteristsic colonies	Confirmed colonies	Interpretation 2025 - Without confirmation		
		Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	CFU/g (rounded)	Log (CFU/g)	CFU/plate	CFU/plate	CFU/g (rounded)	Log (CFU/g)	
J3	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	29000
	100	0	0	/	/			0	/			
J6	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	
	100	0	0	/	/			0	/			
J5	10	36	36	36	36	360	2.56	23	23	250	2.40	
	100	3	4	3	4			4	4			
J8	10	27	28	27	28	270	2.43	25	25	260	2.41	
	100	3	2	3	2			3	3			
J1	100	30	36	30	36	3200	3.51	29	29	3300	3.52	
	1000	5	2	5	2			7	7			
J4	100	41	62	41	62	4400	3.64	18	18	1800	3.26	
	1000	7	6	7	6			2	2			
J2	1000	52	38	52	38	52000	4.72	41	41	41000	4.61	
	10000	5	1	5	1			4	4			
J7	1000	46	39	46	39	47000	4.67	27	27	30000	4.48	
	10000	6	5	6	5			6	6			

N°	Dilution	Reference method: ISO/TS 10272-2						Alternative method: CampyFood Agar (CFA)				ISO 4833 method (cfu/g for one sample)
		Characteristic colonies		Confirmed colonies		Interpretation 2025		Characteristsic colonies	Confirmed colonies	Interpretation 2025 - Without confirmation		
		Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	CFU/g (rounded)	Log (CFU/g)	CFU/plate	CFU/plate	CFU/g (rounded)	Log (CFU/g)	
K3	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	22000
	100	0	0	/	/			0	/			
K6	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	
	100	0	0	/	/			0	/			
K5	10	34	33	34	33	350	2.54	28	28	270	2.43	
	100	4	0	4	0			2	2			
K8	10	40	38	40	38	390	2.59	26	26	240	2.38	
	100	3	2	3	2			0	0			
K1	10	319	283	319	283	2500	3.40	273	273	1500	3.18	
	100	25	33	25	33			15	15			
K4	100	49	37	49	37	5100	3.71	10	10	1100	3.04	
	1000	7	8	7	8			2	2			
K2	1000	46	54	46	54	48000	4.68	178(1/100)	178(1/100)	9000	3.95	
	10000	7	7	7	7			9(1/1000)	9(1/1000)			
K7	1000	52	51	52	51	52000	4.72	150(1/100)	150(1/100)	14000	4.15	
	10000	5	4	5	4			6(1/1000)	6(1/1000)			

N°	Dilution	Reference method: ISO/TS 10272-2						Alternative method: CampyFood Agar (CFA)				ISO 4833 method (cfu/g for one sample)
		Characteristic colonies		Confirmed colonies		Interpretation 2025		Characteristsic colonies	Confirmed colonies	Interpretation 2025 - Without confirmation		
		Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	CFU/g (rounded)	Log (CFU/g)	CFU/plate	CFU/plate	CFU/g (rounded)	Log (CFU/g)	
L3	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	33000
	100	0	0	/	/			0	/			
L6	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	
	100	0	0	/	/			0	/			
L5	10	46	63	46	63	480	2.68	61	61	620	2.79	
	100	7	9	7	9			7	7			
L8	10	67	56	67	56	670	2.83	56	56	550	2.74	
	100	7	8	7	8			4	4			
L1	100	89	86	89	86	8600	3.93	76	76	7500	3.88	
	1000	6	7	6	7			7	7			
L4	100	75	88	75	88	7800	3.89	85	85	8600	3.93	
	1000	11	7	11	7			10	10			
L2	1000	65	89	65	89	65000	4.81	84	84	80000	4.90	
	10000	6	13	6	13			4	4			
L7	1000	89	84	89	84	88000	4.94	86	86	87000	4.94	
	10000	8	11	8	11			10	10			

N°	Dilution	Reference method: ISO/TS 10272-2						Alternative method: CampyFood Agar (CFA)				ISO 4833 method (cfu/g for one sample)
		Characteristic colonies		Confirmed colonies		Interpretation 2025		Characteristsic colonies	Confirmed colonies	Interpretation 2025 - Without confirmation		
		Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	CFU/g (rounded)	Log (CFU/g)	CFU/plate	CFU/plate	CFU/g (rounded)	Log (CFU/g)	
M3	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	1600
	100	0	0	/	/			0	/			
M6	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	
	100	0	0	/	/			0	/			
M5	10	55	32	55	32	520	2.72	45	45	430	2.63	
	100	2	0	2	0			2	2			
M8	10	70	32	70	32	660	2.82	53	53	500	2.70	
	100	3	1	3	1			2	2			
M1	100	/	/	/		4000	3.60	406(1/10)	406(1/10)	4100	3.61	
	1000	4	3	4	3		Ne					
M4	100	52	46	52	46	5000	3.70	30	30	2800	3.45	
	1000	3	1	3	1			1	1			
M2	1000	64	54	64	54	64000	4.81	108(1/100)	108(1/100)	11000	4.04	
	10000	0	0	0	0			3(1/100)	3(1/100)			
M7	1000	25	24	25	24	26000	4.41	105(1/100)	105(1/100)	10000	4.00	
	10000	4	2	4	2			7(1/1000)	7(1/1000)			

N°	Dilution	Reference method: ISO/TS 10272-2						Alternative method: CampyFood Agar (CFA)				ISO 4833 method (cfu/g for one sample)
		Characteristic colonies		Confirmed colonies		Interpretation 2025		Characteristsic colonies	Confirmed colonies	Interpretation 2025 - Without confirmation		
		Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	CFU/g (rounded)	Log (CFU/g)	CFU/plate	CFU/plate	CFU/g (rounded)	Log (CFU/g)	
N3	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	15000
	100	0	0	/	/			0	/			
N6	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	
	100	0	0	/	/			0	/			
N5	10	52	58	52	58	510	2.71	57	57	540	2.73	
	100	4	4	4	4			2	2			
N8	10	44	48	44	48	430	2.63	28	28	280	2.45	
	100	3	3	3	3			3	3			
N1	100	51	48	51	48	5000	3.70	24	24	2400	3.38	
	1000	4	3	4	3			2	2			
N4	100	26	28	26	28	2500	3.40	34	34	3400	3.53	
	1000	1	1	1	1			3	3			
N2	1000	34	17	34	17	34000	4.53	220(1/100)	220(1/100)	29000	4.46	
	10000	3	1	3	1			29(1/1000)	29(1/1000)			
N7	1000	34	39	34	39	35000	4.54	15	15	15000	4.18	
	10000	5	7	5	7			2	2			

N°	Dilution	Reference method: ISO/TS 10272-2						Alternative method: CampyFood Agar (CFA)				ISO 4833 method (cfu/g for one sample)
		Characteristic colonies		Confirmed colonies		Interpretation 2025		Characteristsic colonies	Confirmed colonies	Interpretation 2025 - Without confirmation		
		Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	CFU/g (rounded)	Log (CFU/g)	CFU/plate	CFU/plate	CFU/g (rounded)	Log (CFU/g)	
O3	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	7000
	100	0	0	/	/			0	/			
O6	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	
	100	0	0	/	/			0	/			
O5	10	9	4	9	4	82	1.91	3	3	30	1.48	
	100	0	0	0	0		Ne	0	0		Ne	
O8	10	4	3	4	3	36	1.56	2	2	20	1.30	
	100	0	0	0	0		Ne	0	0		Ne	
O1	10	26	30	26	30	260	2.41	24	24	240	2.38	
	100	3	2	3	2			2	2			
O4	10	39	45	39	45	390	2.59	18	18	160	2.20	
	100	0	0	0	0			0	0			
O2	10	369	434	369	434	4400	3.64	260	260	2100	3.32	
	100	44	36	44	36			21	21			
O7	10	364	410	364	410	5300	3.72	386	386	1200	3.08	
	100	53	46	53	46			12	12			

N°	Dilution	Reference method: ISO/TS 10272-2 ♦						Alternative method: CampyFood Agar (CFA)				ISO 4833 method (cfu/g for one sample)
		Characteristic colonies		Confirmed colonies		Interpretation 2025		Characteristsic colonies	Confirmed colonies	Interpretation 2025 - Without confirmation		
		Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	Plate 1 (CFU/plate)	Plate 2 (CFU/plate)	CFU/g (rounded)	Log (CFU/g)	CFU/plate	CFU/plate	CFU/g (rounded)	Log (CFU/g)	
P3*	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	26000
	100	0	0	/	/			0	/			
P6*	10	0	0	/	/	<10	<1.00	0	/	<10	<1.00	
	100	0	0	/	/			0	/			
P5*	10	54	64	54	64	560	2.75	57	57	560	2.75	
	100	7	2	7	2			5	5			
P8*	10	52	46	52	46	520	2.72	53	53	500	2.70	
	100	5	4	5	4			2	2			
P1*	100	45	46	45	46	4700	3.67	24	24	2400	3.38	
	1000	7	3	7	3			2	2			
P4*	100	50	51	50	51	5100	3.71	32	32	3200	3.51	
	1000	6	6	6	6			3	3			
P2*	1000	42	43	42	43	43000	4.63	40	40	39000	4.59	
	10000	5	6	5	6			3	3			
P7*	1000	34	37	34	37	34000	4.53	38	38	35000	4.54	
	10000	3	3	3	3			1	1			

*Laboratory P : ADRIA