



CERTIFICATION

AOAC Research Institute *Performance Tested Methods*SM

Certificate No.
061301

The AOAC Research Institute hereby certifies the method known as:

Petriflim® *Salmonella* Express (SALX) System

manufactured by

Neogen Corporation
620 Leshar Place
Lansing, Michigan 48912
USA

This method has been evaluated and certified according to the policies and procedures of the AOAC *Performance Tested Methods*SM Program. This certificate indicates an AOAC Research Institute Certification Mark License Agreement has been executed which authorizes the manufacturer to display the AOAC Research Institute *Performance Tested Methods*SM certification mark on the above-mentioned method for the period below. Renewal may be granted by the Expiration Date under the rules stated in the licensing agreement.

A handwritten signature in black ink, appearing to read "Bradley A. Stawick", written over a horizontal line.

Bradley A. Stawick, Senior Director
Signature for AOAC Research Institute

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METHOD NAME Neogen® Petrifilm® <i>Salmonella</i> Express (SALX) System Formerly 3M™ Petrifilm™ <i>Salmonella</i> Express (SALX) System		CATALOG NUMBERS 6536, 6537, 6538, 6539	
INDEPENDENT LABORATORY Aegis Food Testing Laboratories 224 Derby Lane North Sioux City, SD 57049 USA			
APPLICABILITY OF METHOD Target organism – <i>Salmonella</i> . Matrixes – raw ground beef (25 g), raw ground pork (25 g), raw ground chicken (25 g), cooked chicken nuggets (325 g), pasteurized liquid whole egg (100g), frozen uncooked shrimp (25 g), fresh bunched spinach (25 g), dry dog food (375 g), stainless steel (sponge) Performance claims – The Petrifilm® SALX System demonstrated reliability as a rapid qualitative method for the detection and biochemical confirmation of <i>Salmonella</i> in a wide variety of foods.		REFERENCE METHODS US FDA Bacterial Analytical Manual (BAM) on-line Feb 2011, Chapter 5: <i>Salmonella</i> . (3) USDA Microbiological Laboratory Guide (MLG) on-line Oct 1, 2010, Chapter 4.05: Isolation and Identification of <i>Salmonella</i> from Meat, Poultry, Pasteurized Egg and Catfish Products. (4)	
ORIGINAL CERTIFICATION DATE June 02, 2013		CERTIFICATION RENEWAL RECORD Renewed through December 2026.	
METHOD MODIFICATION RECORD 1. December 2018 Level 1 2. January 2024 Level 1		SUMMARY OF MODIFICATION 1. Editorial/clerical changes for label rebranding. 2. Editorial/clerical changes to rebrand method from 3M to Neogen Corporation.	
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PRINCIPLE OF THE METHOD (1)

The Neogen® Petrifilm® SALX method is intended for the rapid and specific detection and biochemical confirmation of *Salmonella* from food and food process environmental samples after enrichment in Neogen *Salmonella* Enrichment Base with the added Neogen *Salmonella* Enrichment Supplement. The Petrifilm *Salmonella* Express Plate is a sample ready-to-use chromogenic culture medium system that contains a cold-water-soluble gelling agent and is selective and differential for *Salmonella*, providing a presumptive result in as little as 44 hours from low microbial background foods ($\leq 10^4$ cfu/g), and 52 hours from high microbial background foods ($\geq 10^4$ cfu/g). The Petrifilm *Salmonella* Express Confirmation Disk contains a biochemical substrate that facilitates the biochemical confirmation of *Salmonella* organisms.

The limit of detection of a method is defined as the lowest concentration point where reliable analytical results can be obtained. This can vary with different serotypes. For the Petrifilm SALX System this has been demonstrated to be 1-5 CFU/ 25 g of sample.

The Petrifilm SALX System has been validated using representative samples of the following matrixes: raw ground chicken, pasteurized liquid whole egg, raw ground beef, raw ground pork, and cooked chicken nuggets, frozen uncooked shrimp, fresh bunched spinach, dry dog food, and stainless steel.

As with all test methods, the enrichment medium formulation can influence the results. The Petrifilm SALX Plate has only been evaluated for use with the Neogen *Salmonella* Enrichment Base, the Neogen *Salmonella* Enrichment Supplement, and Rappaport-Vassiliadis R10 (R-V R10) Broth.

DISCUSSION OF THE VALIDATION STUDY (1)

The Petrifilm *Salmonella* Express System was evaluated following the AOAC *Performance Tested Methods* requirements: inclusivity/exclusivity, ruggedness, stability/lot to lot consistency and method comparison. Nine matrixes were tested by both the Petrifilm SALX System and either the USDA/FSIS-MLG or the FDA-BAM for the detection of *Salmonella* species in food. Overall the assay was equivalent to the reference methods based on the Chi square test for significant difference and the Probability of Detection (POD). There were no unexpected results in all of the other PTM requirements.

The Petrifilm *Salmonella* Express System is sufficiently rugged to withstand small variations in the experimental parameters of enrichment incubation time and temperature, plate incubation time and temperature, disk incubation time and temperature and various plate hydration options. Each parameter was testing using both the high and low microbial load methods as described in the Instructions for Use.

The method was considered easy to perform and the package insert was found to be straight forward and easy to follow. The Petrifilm SALX System offers a significant savings in time when compared to the traditional reference methods as confirmed positive results can be obtained in as little as 44 hours for low microbial load matrixes and 52 hours for high microbial load matrixes. For foods with low microbial load, the Petrifilm SALX method eliminated the need for transfer of enriched test portions to secondary enrichments. Overall, the Petrifilm *Salmonella* Express System was found to be comparable to the reference methods and was found have the benefits of rapid results, high sensitivity and high specificity for the detection of *Salmonella* in a broad range of foods.

Table 2. Inclusivity organisms and test results. (1)

Genus, species, subspecies	Serotype	Group	Sub-group	Serology	Origin	ID	Low Microbial Load Result	High Microbial Load Result
<i>Salmonella enterica enterica</i>	Abaetetuba	I	O:11 (F)	1 1 k 1,5	IMVS	TICC 2736	+	+
<i>Salmonella enterica enterica</i>	Aberdeen	I	O:11 (F)	1 1 i 1,2	unknown	TICC 2500	+	+
<i>Salmonella enterica enterica</i>	Abony	I	O:4 (B)	1, 4, 5, 12:b:e, n, x	unknown	NCTC 6017	+	+
<i>Salmonella enterica enterica</i>	Abortusequi	I		4,12L:-e,n,x	unkown	ATCC 9842	+	+
<i>Salmonella enterica enterica</i>	Adelaide	I	O:35 (O)	35 f,g – [z27]	unknown	TICC 2501	+	+
<i>Salmonella enterica enterica</i>	Agona	I	O:4 (B)	1,4,12:f,g,s:-	unknown	SGSC 2458, electrophoretic type Ag1; SARB1	+	+
<i>Salmonella enterica enterica</i>	Amsterdam	I	O:3,10 (E1)	3, { 10}{15}{15,34} g, m, s –		TICC 2660	+	+
<i>Salmonella enterica enterica</i>	Anatum	I	O:3,10 (E1)	3, {10} {15} {15,34}	unknown	TICC 2668	+	+
<i>Salmonella enterica enterica</i>	Augustenborg	I	O:7 (C1)	6, 7, 14 i 1,2		TICC 2670	+	+
<i>Salmonella enterica enterica</i>	Bareilly	I		6,7:y:1,5	unkown	ATCC 9115	+	+
<i>Salmonella enterica enterica</i>	Berta	I		9,12:f,g,t:-	unkown	ATCC 8392	+	+
<i>Salmonella enterica enterica</i>	Birkenhead	I	O:7 (C1)	6, 7 c 1,6	unknown	TICC 1273	+	+

Genus, species, subspecies	Serotype	Group	Sub-group	Serology	Origin	ID	Low Microbial Load Result	High Microbial Load Result
<i>Salmonella enterica enterica</i>	Blockley	I	O:8 (C2-C3)	6,8:k:1,5 6,8:k:1,5	Beth Israel Hosp., New York	ATCC 51961	+	+
<i>Salmonella enterica enterica</i>	Bovis-morbificans	I	O:8 (C2-C3)	6, 8, 20	unknown	TICC 1293	+	+
<i>Salmonella enterica enterica</i>	Braenderup	I	O:7 (C1)	6, 7,14 e,h e,n,z15		TICC 2508	+	+
<i>Salmonella enterica enterica</i>	Brandenburg	I	O:4 (B)	4,[5],12 l,v e,n,z15		TICC 2674	+	+
<i>Salmonella enterica enterica</i>	Brazil	I	O:16 (I)	16:a:1, 5	unknown	NCTC 8446	+	+
<i>Salmonella enterica enterica</i>	Bredeney	I	O:4 (B)	1,4,12,27	unknown	TICC 2510	+	+
<i>Salmonella enterica enterica</i>	Cerro	I	O:18 (K)	6,14,18 z 4,z23 [1,5] [z45],[z82]		TICC 2176	+	+
<i>Salmonella enterica enterica</i>	Cholerasuis	I	O:7 (C1)	6,7:c:1,5	swine, California	ATCC 10708	+	+
<i>Salmonella enterica enterica</i>	Derby	I	O:4 (B)	1,4,[5],12	unknown	TICC 2519	+	+
<i>Salmonella enterica enterica</i>	Dublin	I	O:9 (D1)	1,9,12[Vi]	unknown	TICC 2757	+	+
<i>Salmonella enterica enterica</i>	Emek	I	O:8 (C2-C3)	8,20 g,m,s –	unknown	TICC 1447	+	+
<i>Salmonella enterica enterica</i>	Enteritidis	I	O:9 (D1)	1,9,12 g,m –	unknown	ATCC 13076	+	+

Genus, species, subspecies	Serotype	Group	Sub-group	Serology	Origin	ID	Low Microbial Load Result	High Microbial Load Result
<i>Salmonella enterica enterica</i>	Gallinarum	I	O:9 (D1)	1,9,12 --		TICC 1320	+	+
<i>Salmonella enterica enterica</i>	Gaminara	I		16:d:1,7	unkown	ATCC 8324	+	+
<i>Salmonella enterica enterica</i>	Give	I	O:3,10 (E1)	³ {10}{15}{15,34} l,v 1,7 [d],[z77]		TICC 1282	+	+
<i>Salmonella enterica enterica</i>	Hadar	I	O:8 (C2-C3)	6,8 z10 e,n,x		TICC 2528	+	+
<i>Salmonella enterica enterica</i>	Havana	I	O:13 (G)	1,13,23 f , g,[s] – [z79]		TICC 443	+	+
<i>Salmonella enterica enterica</i>	Heidelberg	I	O:4 (B)	1,4,[5],12 r 1,2		TICC 561	+	+
<i>Salmonella enterica enterica</i>	Hessarek	I	O:4 (B)	4,12,[27] a 1,5		TICC 2655	+	+
<i>Salmonella enterica enterica</i>	Indiana	I		1,4,12:z:1,7	unknown	ATCC 51959	+	+
<i>Salmonella enterica enterica</i>	Infantis	I	O:7 (C1)	6,7,14 r 1,5 [R1...],[z37],[z45],[z49]		TICC 2616	+	+
<i>Salmonella enterica enterica</i>	Johannesburg	I	O:40 (R)	1 , 4 0 b e,n,x		TICC 2543	+	+
<i>Salmonella enterica enterica</i>	Kahla	I		4,42:z35:1,6		ATCC 17980	+	+

Genus, species, subspecies	Serotype	Group	Sub-group	Serology	Origin	ID	Low Microbial Load Result	High Microbial Load Result
<i>Salmonella enterica enterica</i>	Kedougou	I	O:13 (G)	1, 13, 23 i l, w		TICC 4102	+	+
<i>Salmonella enterica enterica</i>	Kentucky	I	O:8 (C2-C3)	8, 20 i z 6	IMVS	TICC 2620	+	+
<i>Salmonella enterica enterica</i>	Kiambu	I	O:4 (B)	1, 4, 12 z 1, 5	IMVS	TICC 2692	+	+
<i>Salmonella enterica enterica</i>	Kimberley	I	O:38 (P)	3 8 l, v e, 1, 5	unknown	TICC 778	+	+
<i>Salmonella enterica enterica</i>	Kirkee	I		17:b:1, 2			+	+
<i>Salmonella enterica enterica</i>	Kokomlemle	I	O:39 (Q)	3 9 l, v e, n, x	IMVS	TICC 2544	+	+
<i>Salmonella enterica enterica</i>	Kottbus	I	O:8 (C2-C3)	6, 8 e, h 1, 5	IMVS	TICC 2621	+	+
<i>Salmonella enterica enterica</i>	Lansing	I	O:38 (P)	38 i 1, 5	IMVS	TICC 2622	+	+
<i>Salmonella enterica enterica</i>	Lexington	I	O:3, 10 (E1)	3, {10} {15} {15, 34}	IMVS	TICC 2624	+	+
<i>Salmonella enterica enterica</i>	Lille	I	O:7 (C1)	6, 7, 14 z 38 – [z82]	IMVS	TICC 2684	+	+
<i>Salmonella enterica enterica</i>	Litchfield	I	O:8 (C2-C3)	6, 8 l, v 1, 2	IMVS	TICC 2547	+	+
<i>Salmonella enterica enterica</i>	Livingstone	I	O:7 (C1)	6, 7, 14 d l, w	IMVS	TICC 2549	+	+
<i>Salmonella enterica enterica</i>	Llandoff	I	O:1, 3, 19 (E4)	1, 3, 19 z 29 [z6] [z37]		TICC 1291	+	+

Genus, species, subspecies	Serotype	Group	Sub-group	Serology	Origin	ID	Low Microbial Load Result	High Microbial Load Result
<i>Salmonella enterica enterica</i>	London	I	O:3,10 (E1)	3, {10} {15}	IMVS	TICC 2550	+	+
<i>Salmonella enterica enterica</i>	Manhattan	I	O:8 (C2-C3)	6,8 d 1,5 [z58]	unknown	TICC 2551	+	+
<i>Salmonella enterica enterica</i>	Mbandaka	I	O:7 (C1)	6,7,14 z10 e,n,z15 [z37],[z45]	unknown	TICC 1289	+	+
<i>Salmonella enterica enterica</i>	Miami	I	O:9 (D1)	1,9,12:a:1,5	unknown	SGSC 2485	+	+
<i>Salmonella enterica enterica</i>	Montevideo	I	O:7 (C1)	{ 6 ,7,14}{54} g,m,[p],s [1 ,2,7]	unknown	TICC 763	+	+
<i>Salmonella enterica enterica</i>	Muenchen	I	O:8 (C2-C3)	6,8:d:1,2	France	SGSC 2490, electrophoretic type Mu2; SARB33	+	+
<i>Salmonella enterica enterica</i>	Naestved	I	O:9 (D1)	1,9,12 g,p,s –	human; Ontario, Canada	SGSC 3612, 88/8	+	+
<i>Salmonella enterica enterica</i>	Newport	I	O:8 (C2-C3)	6,8:e,h:1,2 6,8:e,h:1,2	food poisoning, England	ATCC 6962	+	+
<i>Salmonella enterica enterica</i>	Nottingham	I	O:16 (I)	16:d:e, n, z15	unknown	NCTC 7832	+	+
<i>Salmonella enterica enterica</i>	Ohio	I	O:7 (C1)	6,7,14 b l,w [z59]		TICC 444	+	+
<i>Salmonella enterica enterica</i>	Oranienburg	I	O:7 (C1)	6 , 7,14 m,t [z57]		TICC 2560	+	+

Genus, species, subspecies	Serotype	Group	Sub-group	Serology	Origin	ID	Low Microbial Load Result	High Microbial Load Result
<i>Salmonella enterica enterica</i>	Orion	I	O:3,10 (E1)	³ ,{10}{15}{15,34} y 1,5		TICC 720	+	+
<i>Salmonella enterica enterica</i>	Panama	I	O:9 (D1)	1,9,12:l,v:1,5	Italy	SGSC 2496, electrophoretic type Pn1; SARB39	+	+
<i>Salmonella enterica enterica</i>	Paratyphi A	I	O:2 (A)	1,2,12:a:[1,5]	unknown	SGSC 2499, electrophoretic type Pa1; SARB42	+	+
<i>Salmonella enterica enterica</i>	Paratyphi B	I	O:4 (B)	1,4,[5],12	unknown	TICC 2240	+	+
<i>Salmonella enterica enterica</i>	Paratyphi C	I	O:7 (C1)	6,7,[Vi]	human clinical isolate, Switzerland	SGSC 3592, 4034-88	+	+
<i>Salmonella enterica enterica</i>	Poona	I	O:13 (G)	1,13,22	unknown	TICC 2472	+	+
<i>Salmonella enterica enterica</i>	Reading	I	O:4 (B)	1,4,[5],12	unknown	SGSC 2510	+	+
<i>Salmonella enterica enterica</i>	Rissen	I	O:7 (C1)	6,7,14 f,g –		TICC 2644	+	+
<i>Salmonella enterica enterica</i>	Rubislaw	I	O:11 (F)	1 1 r e,n,x	unknown	TICC 2645	+	+
<i>Salmonella enterica enterica</i>	Saint Paul	I	O:4 (B)	1,4,[5],12	unknown	TICC 559	+	+
<i>Salmonella enterica enterica</i>	Schwarzengrund	I	O:4 (B)	1,4,12,27	IMVS	TICC 4513	+	+

Genus, species, subspecies	Serotype	Group	Sub-group	Serology	Origin	ID	Low Microbial Load Result	High Microbial Load Result
<i>Salmonella enterica enterica</i>	Sendai	I	O:9 (D1)	1,9,12:a:1,5	California	SGSC 2515, electrophoretic type Se1; SARB58	+	+
<i>Salmonella enterica enterica</i>	Senftenberg	I	O:1,3,19 (E4)	1,3,19 g,[s],t – [z27],[z34],[z37],[z43],[z45],[z46],[z82]	unknown	TICC 2178,	+	+
<i>Salmonella enterica enterica</i>	Singapore	I	O:7 (C1)	6,7 k e,n,x		TICC 2652,	+	+
<i>Salmonella enterica enterica</i>	Stanley	I	O:4 (B)	1,4,[5],12,[27]	Scotland	SGSC 2517, electrophoretic type St1; Biotype 26bei.; SARB60	+	+
<i>Salmonella enterica enterica</i>	Tennessee	I	O:7 (C1)	6,7,14 z29 [1,2,7]	IMVS	TICC 2577	+	+
<i>Salmonella enterica enterica</i>	Thompson	I	O:7 (C1)	6,7,14 k 1,5 [R1...]	human, Florida	SGSC 2519, electrophoretic type Th1; SARB62	+	+
<i>Salmonella enterica enterica</i>	Typhi	I	O:9 (D1)	9,12[Vi] d – [z66]		ATCC 9993	+	+
<i>Salmonella enterica enterica</i>	Typhimurium	I	O:4 (B)	1,4,[5],12	bovine, septicaemic liver	ATCC 14028	+	+
<i>Salmonella enterica enterica</i>	Typhimurium (nm)*	I					+	+
<i>Salmonella enterica enterica</i>	Typhimurium (nm)*	I					+	+

Genus, species, subspecies	Serotype	Group	Sub-group	Serology	Origin	ID	Low Microbial Load Result	High Microbial Load Result
<i>Salmonella enterica enterica</i>	Typhimurium (nm)*						+	+
<i>Salmonella enterica enterica</i>	UNNAMED	I	O:7 (C1)	6,7:c:1,5		SGSC 3038	+	+
<i>Salmonella enterica enterica</i>	Virchow	I	O:7 (C1)	6,7,14 r 1,2	unknown	TICC 552	+	+
<i>Salmonella enterica enterica</i>	Virginia	I	O:8 (C2-C3)	8 d 1,2		TICC 2659	+	+
<i>Salmonella enterica enterica</i>	Wandsworth	I	O:39 (Q)	3 9 b 1,2	IMVS	TICC 2661	+	+
<i>Salmonella enterica enterica</i>	Waycross	I	O:41 (S)	41 z4,z23 [e,n,z15]	unknown	TICC 566	+	+
<i>Salmonella enterica enterica</i>	Welikade	I	O:16 (I)	1 6 l,v 1,7	IMVS	TICC 2586	+	+
<i>Salmonella enterica enterica</i>	Weltevreden	I	O:3,10 (E1)	3 , {10}{15}	IMVS	TICC 2663	+	+
<i>Salmonella enterica enterica</i>	Westhampton	I	O:3,10 (E1)	3,{10}{15}{15,34} g,s,t – [z37]		TICC 3053	+	+
<i>Salmonella enterica enterica</i>	Wien	I	O:4 (B)	1,4,12,[27]	France	SGSC 2528, electrophoretic type WI1; SARB71	+	+
<i>Salmonella enterica enterica</i>	Worthington	I	O:13 (G)	1 ,13,23 z l,w [z43]	IMVS	TICC 2587	+	+
<i>Salmonella enterica enterica</i>	Zanzibar	I	O:3,10 (E1)	3,{10}{15} k 1,5	IMVS	TICC 2589	+	+

Genus, species, subspecies	Serotype	Group	Sub-group	Serology	Origin	ID	Low Microbial Load Result	High Microbial Load Result
<i>Salmonella enterica enterica</i>	Zehlendorf	I	O:30 (N)	3 0 a 1,5	IMVS	TICC 2395	+	+
<i>Salmonella enterica houtenae</i>	(IV Argentina)	IV	6, 7	6,7:z36:-	unknown	SGSC 2555	+	+
<i>Salmonella enterica houtenae</i>	(IV Wassenaar)	IV	O ag grp Z	IV 50:g,z51:-	Massachusetts	SGSC 2576	+	+
<i>Salmonella enterica houtenae</i>		IV		43:z4,z23:-	unknown	SGSC 3084	+	+
<i>Salmonella enterica houtenae</i>		IV	40 R	43:z4, z23:-	unknown	NCTC 10401	+	+
<i>Salmonella enterica indica</i>	(VI Flint)	VI	6, 14 (H)	50:z4,z23:-	unknown	SGSC 2554	+	+
<i>Salmonella enterica indica</i>	(VI Vrindaban)	VI	O ag grp W	45:a:e,n,x	England	SGSC 2582	+	+
<i>Salmonella enterica indica</i>		VI		45:a:e,n,x	unknown	SGSC 3116	+	+
<i>Salmonella enterica indica</i>	(India)	VI			unknown	BAA-1578	+	+
<i>Salmonella enterica salamae</i>		II		1,9,12:l,w:e,n	Africa	ATCC 6959	+	+
<i>Salmonella enterica salamae</i>	(BetioKy)	II		59:k:(z)	Madagascar	ATCC 700152	+	+
<i>Salmonella enterica salamae</i>	(Tranoroa)	II		55:k:z39	Unknown	ATCC 700148	+	+
<i>Salmonella enterica salamae</i>	(II Setubal)	II		60:g,m,t:z6	Mississippi	SGSC 2567	+	+

ATCC - American Type Culture Collection; BAA-from American Type Culture Collection; FSD- 3M Food Safety Culture Collection; NCTC - National Collection of Type Cultures; SGSC- Salmonella Genetic Stock Centre
TICC - Tecra International Culture

Table. 3 Exclusivity organisms and test results. (1)

Organism	ID	Test Result
<i>Cedecea neteri</i>	ATCC 33855	-
<i>Citrobacter brakii</i>	ATCC 29063	-
<i>Citrobacter diversus</i>	TICC 1604	-
<i>Citrobacter freundii</i>	ATCC 8090	-
<i>Citrobacter koseri</i>	TICC 4469	-
<i>Citrobacter sedlakii</i>	TICC 4088	-
<i>Citrobacter youngae</i>	TICC 4255	-
<i>Cronobacter sakazakii</i>	ATCC 29544	-
<i>Edwardsiella tarda</i>	NCTC 10396	-
<i>Enterobacter aerogenes</i>	ATCC 13048	-
<i>Enterobacter amnigenus</i>	ATCC 51816	-
<i>Enterococcus faecalis</i>	ATCC 14506	-
<i>Escherichia coli</i>	ATCC 25922	-
<i>Escherichia coli</i> O157:H7	PSU 93.0134	-
<i>Escherichia hermanii</i>	TICC 2489	-
<i>Escherichia vulneris</i>	TICC 447	-
<i>Hafnia alvei</i>	ATCC 51815	-
<i>Klebsiella oxytoca</i>	ATCC 51817	-
<i>Klebsiella pneumoniae</i>	ATCC 23357	-
<i>Morganella morganii</i>	ATCC 25830	-
<i>Pantoea</i> spp	TICC 4488	-
<i>Proteus mirabilis</i>	ATCC 43071	-
<i>Proteus vulgaris</i>	ATCC 13315	-
<i>Providencia rettgeri</i>	TICC 4472	-
<i>Serratia ficaria</i>	TICC 4475	-
<i>Serratia liquefaciens</i>	ATCC 51814	-
<i>Serratia marcesens</i>	ATCC 14041	-
<i>Shigella sonnei</i>	ATCC 25931	-
<i>Staphylococcus aureus</i>	ATCC 25923	-
<i>Yersinia enterocolitica</i>	ATCC 23715	-
<i>Yersinia kristensenii</i>	ATCC 33639	-
<i>Yersinia ruckerii</i>	ATCC 29473	-

ATCC - American Type Culture Collection; NCTC - National Collection of Type Cultures; PSU-Penn State University Culture Collection; TICC - Tecra International Culture Collection

Table 10 . Summary of Method Comparison for Low Microbial Load Matrixes ($\leq 10^4$ CFU/g) (1)

Method	USDA/FSIS- MLG	3M Petrifilm SALX Method					
Pastuerized Liquid Whole Eggs	4	Presumptive positive test portions on 3M Petrifilm SALX Plates		Confirmed positive by 3M SALX Confirmation Disk		USDA/MLG Confirmation	
		18 Hr Primary Enrichment	24 Hr Primary Enrichment	18 Hr Primary Enrichment	24 Hr Primary Enrichment		
		6	6	6	6		
		6		6		6	
Method	FDA/BAM	3M Petrifilm SALX Method					
Dry Dog Food	14	Presumptive positive test portions on 3M Petrifilm SALX Plates		Confirmed positive by 3M SALX Confirmation Disk		FDA/BAM Confirmation	
		18 Hr Primary Enrichment	24 Hr Primary Enrichment	18 Hr Primary Enrichment	24 Hr Primary Enrichment		
		16	16	16	16		
		16		16		16	
Method	FDA/BAM	3M Petrifilm SALX Method					
Stainless Steel	7	Presumptive positive test portions on 3M Petrifilm SALX Plates		Confirmed positive by 3M SALX Confirmation Disk		FDA/BAM Confirmation	
		18 Hr Primary Enrichment	24 Hr Primary Enrichment	18 Hr Primary Enrichment	24 Hr Primary Enrichment		
		6	6	6	6		
		6		6		6	
Method	USDA/FSIS- MLG	3M Petrifilm SALX Method					
Cooked Chicken Nuggets	6	Presumptive positive test portions on 3M Petrifilm SALX Plates		Confirmed positive by 3M SALX Confirmation Disk		USDA/MLG Confirmation	
		18 Hr Primary Enrichment	24 Hr Primary Enrichment	18 Hr Primary Enrichment	24 Hr Primary Enrichment		
		6	6	6	6		
		6		6		6	

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