

Product Specification Sheet

Brilliance™ Salmonella

Intended Usage: A selective medium for the presumptive identification of *Salmonella*.

For professional use only.

PO5098A	
Version: 14	Revision Date: 02 May 2022

Thermo Scientific™ Brilliance™ Salmonella

Form of Product	Poured plate
Storage	2 – 12°C, dark
Filling weight	17 g ± 5 %
Packaging	10 plates wrapped in film
pH	7.3 ± 0.1
Appearance	Cream to pink tinged, opaque
Shelf life	12 weeks
Intended Usage	A selective medium for the presumptive identification of <i>Salmonella</i> species. For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM1092 / SR0194.

Typical formulation*	g/l
Salmonella growth mix	14.0
Chromogenic mix	25.0
Cefsulodin	0.012
Novobiocin	0.005
Agar	15.0

*Adjusted as required to meet performance standards.

Quality Control

1. Control for general characteristics, labelling and printing.
2. Contamination Check
 ≥72 h @ 20 – 25 °C, aerobic
 ≥72 h @ 30 – 35 °C, aerobic
3. Microbiological control

Positive Controls	Growth
Inoculum 50 – 120 colony forming units (cfu), quantitative Incubation conditions: 22 – 26 h @ 36 ± 1°C, aerobic	
<i>Salmonella</i> Typhimurium ATCC® 14028™	2-3 mm purple/pink colonies
<i>Salmonella</i> Arizonae ATCC® 13314™	1-2 mm purple/pink colonies
Colony counts shall be ≥ 50% of the control medium TSA.	

Negative Controls	Growth
Inoculum ≥10³ cfu, quantitative, control medium TSA Incubation conditions: 22 – 26 h @ 36 ± 1°C, aerobic	
<i>Escherichia coli</i> ATCC® 25922™	No growth or 1-2mm cream colonies.
<i>Pseudomonas aeruginosa</i> ATCC® 27853™	Complete inhibition (≤ 10 cfu).

Note

Brilliance Salmonella is not recommended for the isolation of *Salmonella* Typhi and *Salmonella* Paratyphi. For those strains please refer to existing guidelines to work accordingly.

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