

Product Specification Sheet

Yersinia Selective Medium (CIN)

Intended Usage: A selective medium for the isolation of *Yersinia enterocolitica*.

For professional use only.

PO5044A	
Version: 14	Revision Date: 22 April 2020

Thermo Scientific™ Yersinia Selective Medium (CIN)

Form of Product	Poured plate
Storage	2– 12°C, dark
Filling weight	17 g ± 5 %
Packaging	10 plates wrapped in film
pH	7.4 ± 0.2
Appearance	Antique pink, transparent
Shelf life	26 weeks
Intended Usage	A selective medium for the isolation of <i>Yersinia enterocolitica</i> . For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM0653 / SR0109.

Typical formulation*	g/l
Special peptone	20.0
Yeast extract	2.0
Mannitol	20.0
Sodium pyruvate	2.0
Sodium chloride	1.0
Magnesium sulphate	0.01
Sodium desoxycholate	0.5
Neutral red	0.03
Crystal violet	0.001
Cefsulodin	0.015
Irgasan	0.004
Novobiocin	0.0025
Agar	12.5

*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 @ 30 ± 1°C, aerobic.	
<i>Yersinia enterocolitica</i> ATCC® 23715™ (WDCM 00160)	1 – 3 mm, transparent colonies with pink centre.
Colony counts shall be ≥ 50% of the control medium TSA.	
Inoculum 10³ – 10⁴ colony forming units (cfu), qualitative, control medium COL+SB Incubation conditions: 22 – 26 h @ 30 ± 1°C, aerobic.	
<i>Yersinia enterocolitica</i> ATCC® 9610™ (WDCM 00038)	Good growth, transparent colonies with pink centre.

Negative Controls	Growth
Inoculum ≥ 10⁴ colony forming units (cfu), quantitative, control medium TSA Incubation conditions: 22 – 26 h @ 30 ± 1°C, aerobic	
<i>Staphylococcus aureus</i> ATCC® 25923™ (WDCM 00034)	Complete inhibition (≤ 10 cfu).
<i>Escherichia coli</i> ATCC® 8739™ (WDCM 00012)	Complete inhibition (≤ 10 cfu).
<i>Proteus vulgaris</i> ATCC® 8427™	Complete inhibition (≤ 10 cfu).

Tested in accordance with ISO 11133

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