



# Certificate of Analysis

<b>Product</b>	<b>89660 - XLT 4 Agar Base</b>	
<b>Batch No</b>	<b>5452411</b>	
<b>Analysis Date</b>	05-Dec-2023	
<b>Date of Manufacture</b>	December 2023	
<b>Expiry Date/Re-Test Date</b>	December 2026	
Test Parameters	Standards	Actual Results
Appearance (Colour)	Pink	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	59.03 gm/liter	Complies
Prepared Medium Appearance before autoclaving (Clarity)	Very slightly to slightly opalescent	Complies
Prepared Medium Appearance before autoclaving (Colour)	Red	Complies
Gel strength	Firm, comparable with 1.8% agar gel	Complies
pH (25°C)	7.4 ± 0.2	7.52 Complies
Prepared medium appearance after boiling (clarity)	Clear to very slightly opalescent	Complies
Prepared medium appearance after boiling (colour)	Red	Complies
Cultural Response	Inoculate and incubate at 35-37°C for 18 - 24 hours with added XLT4 Supplement	
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : red with black centres	Complies
Organism	Salmonella enteritidis ATCC 13076	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : red with black centres	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum	Growth : Partially inhibited Recovery Rate : ~40.0% Colony colour : yellow	Complies
Organism	Staphylococcus aureus ATCC 25923	
Inoculum	>=10 <sup>3</sup> Growth : Inhibited	Complies
Organism	Enterococcus faecalis ATCC 29212	

FRM/82/11/3/89660 Rev No. 1 Date 08/05/2024

Prepared by Shikha

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
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Test Parameters	Standards	Actual Results
Inoculum	$\geq 10^3$ Growth : Inhibited	Complies
Organism	Proteus mirabilis ATCC 25933	
Inoculum	$\geq 10^3$ Growth : Inhibited	Complies

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