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Certificate of Analysis

Product **53556 - Xylose Lysine Deoxycholate Agar (XLD Agar)**
(U/P) (I/P)

Batch No **2205083**
Analysis Date 28-Mar-2024
Date of Manufacture March 2024
Expiry Date/Re-Test Date March 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pink	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	56.68 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Gel strength (1.5% gel)	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	7.5 ± 0.2	7.70 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Red	Complies
Cultural Response	Inoculate and incubate at 37°C for 24 hours	
Organism	Salmonella typhi ATCC 6539	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : Red w/black centres	Complies
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : Red w/black centres	Complies
Organism	Salmonella paratyphi B	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : Red w/black centres	Complies
Organism	Proteus vulgaris ATCC 13315	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : Grey w/black centres	Complies
Organism	Shigella flexneri ATCC 12022	

FRM/82/11/3/53556 Rev No. 1 Date 06/12/2021

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,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

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Test Parameters	Standards	Actual Results
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : 30.0% Colony colour : Red	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Fair Recovery Rate : 30.0% Colony colour : Yellow	Complies
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum (cfu) 10-100	Growth : Good Colony colour : Yellow	Complies
Organism	Salmonella paratyphi A	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : Red	Complies
Organism	Proteus mirabilis ATCC 12453	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : Yellow	Complies
Organism	Salmonella enteritidis ATCC 13076	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : Red w/black centres	Complies
Organism	Shigella sonnei ATCC 25931	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : Red	Complies
Organism	Shigella dysenteriae ATCC 13313	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : Red	Complies
Organism	Staphylococcus aureus ATCC 25923	

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Test Parameters	Standards	Actual Results
Inoculum	Growth : Inhibited	Complies
Organism	Enterococcus faecalis ATCC 29212	
Inoculum	Growth : Inhibited	Complies

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