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Certificate of Analysis

Product	65489 - Thioglycollate Agar
Batch No	1602771
Analysis Date	18-May-2022
Date of Manufacture	May 2022
Expiry Date/Re-Test Date	May 2025

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light to medium amber	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	49.00 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to slightly opalescent	Complies
Gel strength	Firm, comparable with 1.5 % agar gel	Complies
pH (25°C)	7.2 ± 0.2	7.01, Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Light amber, turns slightly red due to aeration on standing	Complies
Cultural Response	Inoculate and Incubate at 35°-37°C for 40-48 hours under anaerobic conditions	
Organism	Clostridium botulinum ATCC 25763	
Inoculum (cfu) 10-100	Growth : Good, Recovery : >=50%	Complies
Organism	Clostridium perfringens ATCC 12924	
Inoculum (cfu) 10-100	Growth : Good, Recovery : >=50%	Complies
Organism	Clostridium sporogens ATCC 11437	
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate: >=50%	Complies

FRM/82/11/3/65489 Rev No. 1 Date 11/08/2021

Prepared by Shikha

In compliance with the standard specifications of SRL

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

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