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Certificate of Analysis

Product

18528 - Tryptone Type I (Casitose) BactoBio for bacteriology - [91079-40-2]

Batch No

1094013

Analysis Date

03-Jul-2024

Date of Manufacture

July 2024

Expiry Date/Re-Test Date

July 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Cream	Complies
Appearance (Form)	Free flowing ,homogeneous fine powder	Complies
Solubility (Colour) 2% aq. solution	Light to medium amber, clear	Complies
pH (25°C)	6.2 - 7.2	6.48 Complies
Stability (After autoclaving)	Light to medium amber, clear	Complies
Loss on drying	< =5.0%	3.40% Complies
Nitrogen (N) content	12.0-13.5%	Complies
NaCl	< 5.0%	Complies
Ash	< 15%	Complies
Total Aerobic microbial count	(By Plate Count Method) : < =10,000 cfu/gm	Complies
Indole Production (0.1%)	Escherichia coli ATCC 25922 Growth : Good, Result : Positive	Complies
Fermentable carbohydrates (2%)	Escherichia coli ATCC 25922 Growth : Good, Result : Negative	Complies
Acetylmethylcarbinol Production	Enterobacter aerogenes ATCC13048 Growth : Good, Result : Positive	Complies
Hydrogen Sulphide Production (1.0%)	Salmonella typhimurium ATCC 14028 Growth : Good, Result : Positive	Complies
Cultural Response	Inoculate and incubate at 37°C for 18-24 hours with the following organisms	
Organism	Staphylococcus aureus ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good	Complies

FRM/82/11/3/18528 Rev No. 2 Date 03/07/2021

Prepared by Samrudhi

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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