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Certificate of Analysis

Product **78784 - Meat Extract BactoBio for bacteriology - [100085-61-8]**
Batch No **9094859**
Analysis Date 25-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Brownish yellow	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility (Colour) 2% aq. solution	Yellowish Beige, clear without any precipitate	Complies
pH (25°C)	6.0 - 7.0 (2.0 %)	6.73 Complies
Stability (After autoclaving)	Yellowish Beige, clear without any precipitate	Complies
Loss on drying	< = 5.0 %	4.29% Complies
Nitrogen (N) content	12.0 - 13.0%	Complies
NaCl	< 6.0%	Complies
Ash	< 10.2 - 15.2%	Complies
Total Aerobic microbial count	(By Plate Count Method) ; < 10,000 cfu/gm	Complies
Total Yeast and Mould count	(By Plate Count Method) ; < 100 cfu/gm	Complies
Indole Production (0.1%)	Escherichia coli ATCC 25922 Passes Test (Positive)	Complies
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours with the following organisms	
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Streptococcus faecalis ATCC 29212	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Streptococcus pyogenes ATCC19615	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Pseudomonas aeruginosa ATCC 27853	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Bacillus subtilis ATCC 6633	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good	Complies

FRM/82/11/3/78784 Rev No. 1 Date 03/06/2021

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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