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Certificate of Analysis

Product **75750 - Gelatin Peptone BactoBio for bacteriology - [91079-43-5]**
Batch No **4292478**
Analysis Date 19-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2027

Test Parameters	Standards	Actual Results
Appearance (Form)	Light yellow, free flowing homogeneous powder	Complies
Solubility (Colour) 2% aq. solution	Light to medium amber, clear.	Complies
pH (25°C)	6.5 - 7.5 (2.0 %)	6.86 Complies
Stability (After autoclaving)	Light to medium amber, clear.	Complies
Loss on drying	<=5.0%	4.30% Complies
Nitrogen (N) content	14.0 - 16.0 %	Complies
NaCl	< 6.0 %	Complies
Ash	< 15.0%	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
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours.	
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Enterococcus faecalis ATCC 29212	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Proteus vulgaris ATCC 13315	
Inoculum (cfu) 10-100	Growth : Good	Complies
Indole Production (0.1%)	Negative	Complies

FRM/82/11/3/75750 Rev No. 2 Date 28/10/2021

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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