



**SISCO
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Certificate of Analysis

Product **91980 - Meat Peptone Type P BactoBio for bacteriology**
Batch No **1483064**
Analysis Date 03-Sep-2023
Date of Manufacture September 2023
Expiry Date/Re-Test Date September 2026

Test Parameters	Standards	Actual Results
Appearance (Colour)	Biege	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility (Colour) 2% aq. solution	Light to medium amber, clear	Complies
pH (25°C)	7.0 ± 0.5 (2%)	6.97, Complies
Stability (After autoclaving)	Light to medium amber, clear	Complies
Loss on drying	< = 5.0 %	3.89%, Complies
Nitrogen (N)	12.0 - 14.0 %	Complies
NaCl	< 5.0%	Complies
Ash	< 14.0%	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	Pseudomonas aeruginosa ATCC 27853	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Streptococcus pyogenes ATCC 19615	
Inoculum (cfu) 10-100	Growth : Good	Complies
Indole Production (0.1%)	Passes test (Positive)	Complies

FRM/82/11/3/91980 Rev No. 1 Date 01/06/2021

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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