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## Certificate of Analysis

**Product** **55785 - Bio Peptone (Mixture of Casein & Meat Peptone) BactoBio for bacteriology**

**Batch No** **4837445**  
**Analysis Date** 11-May-2024  
**Date of Manufacture** May 2024  
**Expiry Date/Re-Test Date** May 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Cream to yellow	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility (Colour) 2% aq. solution	Light to medium amber, clear without any precipitate	Complies
pH (25°C)	6.0 - 7.0 (2.0%)	6.87 Complies
Stability (After autoclaving)	Light to medium amber, clear without any precipitate	Complies
Loss on drying	< 5.0 %	3.48% Complies
Nitrogen (N) content	~ 12.0 -13.0%	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	Clostridium perfringens ATCC 12924	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Streptococcus pyogenes ATCC 19615	
Inoculum (cfu) 10-100	Growth : Good	Complies
Indole Production (0.1%)	Positive	Complies
Fermentable carbohydrates (2%)	Negative	Complies
Hydrogen Sulphide Production (1.0%)	Positive	Complies
Residue on ignition	<= 12.0 %	Complies

FRM/82/11/3/55785 Rev No. 1 Date 27/05/2021

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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