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Certificate of Analysis

Product	61796 - Casein Peptone BactoBio for bacteriology
Batch No	6292806
Analysis Date	17-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light to medium yellow, free flowing, homogeneous powder.	Complies
Solubility (Colour) 2% aq. solution	Light to medium amber, clear.	Complies
pH (25°C)	7.0 ± 0.5 (2.0 %)	6.80 Complies
Stability (After autoclaving)	Light to medium amber, clear.	Complies
Loss on drying	< = 5.0%	3.97% Complies
Nitrogen (N) content	NLT 10.0%	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	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Klebsiella pneumoniae ATCC 13883	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum (cfu) 10-100	Growth : Good	Complies
Indole Production (0.1%)	Positive (Passes Test)	Complies

FRM/82/11/3/61796 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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