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Certificate of Analysis

Product

60856 - Beef Extract ex. Buffalo BactoBio for bacteriology - [68990-09-0]

Batch No

9762356

Analysis Date

08-May-2024

Date of Manufacture

May 2024

Expiry Date/Re-Test Date

May 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light yellow to yellowish brown	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% solution)	6.63 Complies
Stability (After autoclaving)	Light to medium amber, clear	Complies
Loss on drying	<= 5.0 %	2.87% Complies
Nitrogen (N) content	11.0 - 14.0%	Complies
Ash	<=12.0%	Complies
NaCl	< 6.0%	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	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Streptococcus pyogenes ATCC 19615	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good	Complies

FRM/82/11/3/60856 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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1/1

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