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Certificate of Analysis

Product **83358 - Malt Extract BactoBio for bacteriology - [8002-48-0]**
Batch No **6714073**
Analysis Date 19-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Medium tan	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility (Colour) 2% aq. solution	Medium amber, slightly opalescent to opalescent, may have a slight precipitate	Complies
pH (25°C)	6.0 ± 0.5 (2.0%)	6.48 Complies
Stability (After autoclaving)	Medium amber ,slightly opalescent to opalescent, may have a slight precipitate	Complies
Loss on drying	< 5.0 %	3.70% Complies
NaCl	< 1%	Complies
Ash	< 3%	Complies
Protein content	5.0%	Complies
Reducing sugars	80%	Complies
Total Aerobic microbial count	(By Plate Count Method) : < 10,000 cfu/gm	Complies
Cultural Response	Prepare Malt Extract Agar using Malt Extract as ingredient.Inoculate and incubate at 30°C for 18-72 hours with the following organisms	
Organism	Aspergillus niger ATCC 16404	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Candida albicans ATCC 10231	
Inoculum (cfu) 10-100	Growth : Good	Complies

FRM/82/11/3/83358 Rev No. 1 Date 25/05/2021

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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