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## Certificate of Analysis

**Product** **89463 - Yeast Extract for bacteriology - [8013-01-02]**  
**Batch No** **1148035**  
**Analysis Date** 17-Jun-2024  
**Date of Manufacture** June 2024  
**Expiry Date/Re-Test Date** June 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Brownish yellow, free flowing, homogeneous powder\	Complies
Solubility (Colour) 2% aq. solution	Medium amber to yellowish brown, clear to slightly opalescent	Complies
pH (25°C)	5.00 - 6.50 (2.0%)	5.62 Complies
Stability (After autoclaving)	Medium amber to yellowish brown, clear to slightly opalescent	Complies
Loss on drying	6.0 %	3.77% Complies
Nitrogen (N) content	9.0 - 11.0 %	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
Coagulable Protein Test	Passes test	Complies
Cultural Response	Growth Promotion Parameters : 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	Bacillus subtilis ATCC 6633	
Inoculum (cfu) 10-100	Growth : Good	Complies
Indole Production (0.1%)	Escherichia coli ATCC 25922 Growth : Good, Result : Positive	Complies
Ash	11.0 - 16.0 %	Complies
NaCl	< 5.0 %	Complies

FRM/82/11/3/89463 Rev No. 3 Date 12/07/2021

Prepared by Samrudhi

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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