



**SISCO
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Certificate of Analysis

Product **52184 - Yeast Extract for cell culture**
Batch No **3086668**
Analysis Date 05-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Yellow to brown	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	10% aq. solution is medium amber, clear, completely soluble	Complies
pH (2% aq. solution)	6.50 - 7.20	6.80 Complies
Stability (After autoclaving)	Medium amber to yellowish brown, clear	Complies
Suitability for Cell Culture	Passes Test	Complies
Total Aerobic microbial count	<= 10,000.0 cfu/gm	Complies
Total Yeast and Mould count	<= 100.0 cfu/gm	Complies
Nitrogen (N) content	<= 10.00 - 12.00 %	Complies
Ash	11.0 - 16.0%	Complies
Loss on drying	<= 5.0%	3.42% Complies
NaCl	<= 5.0%	Complies
Coagulable Protein Test	Passes Test	Complies
Cultural Response	Inoculate and incubate at 35-37°C for 18-24 hours with the following	
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good	Complies
Indole Production (0.1%)	Indole production : Positive	Complies
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Good	Complies
Escherichia coli	Test for presence of Escherichia coli : Absent	Complies
Salmonella/25gm	Test for presence of Salmonella /25 gm : Absent	Complies

FRM/82/11/3/52184 Rev No. 5 Date 19/12/2023

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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