



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product **95292 - Peptone BactoBio for bacteriology - [73049-73-7]**
Batch No **9204252**
Analysis Date 19-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light to medium tan	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%)	6.53 Complies
Stability (After autoclaving)	Light to medium amber, clear	Complies
Loss on drying	< 5.0 %	2.33% Complies
Nitrogen (N) content	11.5 - 15.5 %	Complies
NaCl	< 5.0 %	Complies
Ash	< 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
Coagulable Protein Test	Passes Test	Complies
Protease test	Passes Test	Complies
Nitrite test	Passes Test	Complies
Cultural Response	Growth Promotion Properties : 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	Pseudomonas aeruginosa ATCC 27853	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum (cfu) 10-100	Growth : Good	Complies
Indole Production (0.1%)	Escherichia coli ATCC 25922 Growth : Good, Result : Positive	Complies
Fermentable carbohydrates (2%)	Escherichia coli ATCC 25922 Growth : Good, Result : Negative	Complies

FRM/82/11/3/95292 Rev No. 3 Date 20/05/2021

Prepared by Shikha

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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Test Parameters	Standards	Actual Results
Hydrogen Sulphide Production (1.0%)	Salmonella typhimurium ATCC 14028 Growth : Good, Result : Positive	Complies
Acetylmethylcarbinol Production	Enterobacter aerogenes ATCC 13048 Growth: Good, Result : Positive	Complies

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