



**SISCO  
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PVT. LTD.**

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## Certificate of Analysis

**Product** **51960 - Peptone BioVeg BactoBio for bacteriology**  
**Batch No** **4709786**  
**Analysis Date** 03-Jul-2024  
**Date of Manufacture** July 2024  
**Expiry Date/Re-Test Date** July 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 ± 0.2	6.85 Complies
Stability (After autoclaving)	Light to medium amber, clear	Complies
Loss on drying	< 5.0%	2.78% 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
Cultural Response	Inoculate and incubate at 37°C for 18 - 48 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 25923	
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
Hydrogen Sulphide Production (1.0%)	Salmonella typhimurium ATCC 14028 Growth : Good, Result : Positive	Complies

FRM/82/11/3/51960 Rev No. 2 Date 23/12/2021

Prepared by Samrudhi

In compliance with the standard specifications of SRL

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

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
Fermentable carbohydrates (2%)	Escherichia coli ATCC 25922 Growth : Good, Result : Negative	Complies
Acetylmethylcarbinol Production	Enterobacter aerogenes ATCC 13048 Growth : Good, Result : Positive	Complies

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