



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product**23136 - Peptone Granulated BactoBio for bacteriology****Batch No****1739690****Analysis Date**

21-Jan-2024

Date of Manufacture

January 2024

Expiry Date/Re-Test Date

January 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light to medium tan	Complies
Appearance (Form)	Free flowing, granules	Complies
Solubility (Colour) 2% aq. solution	Light to medium amber, clear	Complies
pH (25°C)	7.0 ± 0.2 (2%)	6.94 Complies
Stability (After autoclaving)	Light to medium amber, clear	Complies
Loss on drying	< 5.0%	3.70% Complies
Nitrogen (N) content	11.5 - 15.5 %	Complies
Ash	< 10%	Complies
NaCl	< 5.0%	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
Cultural Response	Growth Promoting Properties : Inoculate and incubate at 37°C for 18 - 48 hours with following organisms	
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	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
Hydrogen Sulphide Production (1.0%)	Salmonella typhimurium ATCC 14028 Growth : Good, Result : Positive	Complies
Fermentable carbohydrates (2%)	Escherichia coli ATCC 25922 Growth : Good, Result : Negative	Complies

FRM/82/11/3/23136 Rev No. 1 Date 24/04/2021

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
Acetyl methylcarbinol Production	(0.1% peptone w/0.5% Dextrose) Enterobacter aerogenes ATCC 13048 Growth : Good, Result : Positive	Complies

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