



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product **32007 - Tryptone BactoBio for bacteriology - [91079-40-2]**
Batch No **8097563**
Analysis Date 05-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Cream	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%)	6.69 Complies
Stability (After autoclaving)	Light to medium amber, clear	Complies
Loss on drying	< 5.0 %	4.58% Complies
Nitrogen (N) content	12.0 - 13.5 %	Complies
Ash	< 15.0%	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 Promotion Parameter : 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
Fermentable carbohydrates (2%)	Escherichia coli ATCC 25922 Growth : Good, Result : Negative	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
Acetylmethylcarbinol Production	Enterobacter aerogenes ATCC 13048 Growth : Good, Result : Positive	Complies

FRM/82/11/3/32007 Rev No. 4 Date 16/11/2023

Prepared by Shikha

In compliance with the standard specifications of SRL

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

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

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](https://www.iso.org/standard/68549.html)

This COA has been generated electronically and it is valid without signature.