



BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

Product Name	TRYPTOSE BACTERIOLOGICAL
CAS No.	NA
Code No.	B-02795
Batch No.	BC01250028
Mfg.Date	JAN-2025
Date of Analysis	06/01/2025
Retest Date	DEC-2030

TEST	SPECIFICATION	RESULT
Appearance	Light yellow to yellow free flowing powder	Light yellow free flowing powder
Assay	Min 98%	98.92%
Solubility	Freely soluble in distilled /purified water , insoluble in alcohol	Passes test
Clarity of solution	1% w/v aqueous solution is clear without haziness after autoclaving at 15 lbs pressure (at 121°C) for 15 mins	Passes test
pH (2% w/v solution in water)	6.20 - 7.20	6.52
Total nitrogen (N)	Min 12.0%	12.9%
Amino nitrogen	Min 3.0%	3.1%
Sodium Chloride (by AgNO ₃ titration)	Max 6.0%	5.94%
Loss on drying	Max 6.0%	3.37%
Residue on ignition	Max 17.0%	7.59%
Microbial Limits		
Total aerobic plate count	Max 2000 CFU/gm	2000CFU/gm
Total yeast and mould conut	Max 100 CFU/gm	100 CFU/gm

Test for pathogens		
E.coli.	Negative in 10 gm of sample	Passes test
Salmonella species	Negative in 10 gm of sample	Passes test
Pseudomonas aeruginosa	Negative in 10 gm of sample	Passes test
Staphylococcus aureus	Negative in 10 gm of sample	Passes test

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

This is an electronically generated certificate and is valid without a signature.

For Issues relating to quality you may send us a mail on **info@biofinechemical.com** or call on **+91-7404210730** Website- **www.biofinechemical.com**