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CERTIFICATE OF ANALYSIS

Name of the Sample : Tryptone Powder for Bacteriology
Batch No. : 225424
Date of Mfg : Feb 2022
Date of Exp : Jan 2025
Register No. : 2022-23
Qty of Sample : 500gm
Date of Analysis : Feb 2022

S. No	Test Parameters	Observed Values	Standard Values
1.	Description:	Passes	Light yellow colour to Light brown free flowing powder
2.	pH (2% solution)	6.45	6.0 - 7.5
3.	Loss on drying	4.53%	NMT 7.00% w/w
4.	Total nitrogen (by Kjeldahl method)	14.6%	NLT 12.00% w/w
5.	Alpha amino nitrogen (by formaldehyde titration method)	3.85%	NLT 3.00% w/w
6.	Residue on ignition	8.47%	NMT 15.00% w/w
7.	Tryptophan test	Passes	Passes

Chief Chemist