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CERTIFICATE OF ANALYSIS

Name of the Sample : **Tryptone Powder for Bacteriology**
Batch No. : **227745**
Date of Mfg. : **July 2024**
Date of Exp : **June 2027**
Register No. : **2024-25**
Qty of Sample : **500gm**
Date of Analysis : **July 2024**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Light yellow color to Light brown free flowing powder
2.	pH (2% solution)	6.31	6.0 - 7.5
3.	Loss on drying	3.40%	NMT 7.00%
4.	Total nitrogen (by Kjeldahl method)	12.91%	NLT 12.00%
5.	Alpha amino nitrogen (by formaldehyde titration method)	4.45%	3.5 – 4.5%
6.	Residue on ignition	9.03%	NMT 15.00%
7.	Tryptophan test	Passes	Passes

Chief Chemist