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Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com
Website : www.technopharmchem.com

CERTIFICATE OF ANALYSIS

Name of the Sample : Peptone from casein
Batch No. : 228841
Date of Mfg. : Sep 2025
Date of Exp : Aug 2028
Register No. : 2025-26
Qty of Sample : 500gm
Date of Analysis : Sep 2025

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Light yellow color to Light brown free flowing powder
2.	pH (2% solution)	6.15	6.0 - 7.5
3.	Loss on drying	4.12%	NMT 7.00%
4.	Total nitrogen (by Kjeldahl method)	13.5%	NLT 12.00%
5.	Alpha amino nitrogen (by formaldehyde titration method)	3.98%	3.5 - 4.5%
6.	Residue on ignition	9.92%	NMT 15.00%
7.	Tryptophan test	Passes	Passes

Chief Chemist