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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Peptone from Casein**  
**Batch No.** : **225881**  
**Date of Mfg** : **Aug 2022**  
**Date of Exp** : **July 2025**  
**Register No.** : **2022-23**  
**Qty of Sample** : **500gm**  
**Date of Analysis** : **Aug 2022**

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	5.02%	NMT 7.00%
4.	Total nitrogen (by Kjeldahl method)	15.15%	NLT 12.00%
5.	Alpha amino nitrogen (by formaldehyde titration method)	3.96%	3.5 - 4.5%
6.	Residue on ignition	9.11%	NMT 15.00%
7.	Tryptophan test	Passes	Passes

**Chief Chemist**