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Registered Off. : 101-A, Deep Enclave, Pocket "D", Ashok Vihar, Phase-III, Delhi-110 052 (India)  
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 Powder for Bacteriology**  
**Batch No.** : **225285**  
**Date of Mfg** : **Jan 2022**  
**Date of Exp** : **Dec 2024**  
**Register No.** : **2022-23**  
**Qty of Sample** : **500gm**  
**Date of Analysis** : **Jan 2022**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Fine free flowing creamy Yellow–light brown Powder
2.	pH (2% w/v solution)	6.4	5.0 - 7.0
3.	Loss on drying	4.33%	NMT 7.0 w/w
4.	Total nitrogen	13.49%	NLT 12.00% w/v
5.	Alpha amino nitrogen	5.12%	NLT 3.50% w/w
6.	Foreign material	Passes	Absent
7.	Solubility in water	Passes	Complete
8.	Suitability for micro- Biology & bacteriology	Passes	To Pass test

**Chief Chemist**