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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 Powder for Bacteriology**
Batch No. : **227754**
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	Fine free flowing creamy Yellow-light brown Powder
2.	pH (2% w/v solution)	6.1	5.0 - 7.0
3.	Loss on drying	5.14%	NMT 7.0 w/w
4.	Total nitrogen	14.93%	NLT 12.00% w/v
5.	Alpha amino nitrogen	6.04%	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