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CERTIFICATE OF ANALYSIS

Name of the Sample : **Peptone Powder for Bacteriology**
Batch No. : **228683**
Date of Mfg. : **July 2025**
Date of Exp : **June 2028**
Register No. : **2025-26**
Qty of Sample : **500gm**
Date of Analysis : **July 2025**

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)	6.35	5.0 - 7.0
3.	Loss on drying	5.64%	NMT 7.0 w/w
4.	Total nitrogen	15.01%	NLT 12.00% w/v
5.	Alpha amino nitrogen	6.12%	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