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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Peptone Bacteriological**  
**Batch No.** : **227481**  
**Date of Mfg.** : **April 2024**  
**Date of Exp** : **March 2027**  
**Register No.** : **2024-25**  
**Qty of Sample** : **500gm**  
**Date of Analysis** : **April 2024**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Fine free flowing Creamy yellow to light brown powder
2.	pH (2% w/v solution)	6.15	5.0 - 7.0
3.	Loss on drying	4.98%	NMT 7.0 w/w
4.	Total nitrogen	15.92%	NLT 12.00% w/v
5.	Alpha amino nitrogen	5.65%	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**