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CERTIFICATE OF ANALYSIS

Name of the Sample : Peptone from Casein (Tryptone)
Batch No. : 227395
Date of Mfg. : March 2024
Date of Exp : Feb 2027
Register No. : 2024-25
Qty of Sample : 500gm
Date of Analysis : March 2024

| S. No | Test Parameters | Observed Values | Standard Values |
|-------|---|-----------------|---|
| 1. | Description | Passes | Light yellow color to Light brown free flowing powder |
| 2. | pH (2% solution) | 6.20 | 6.0 - 7.5 |
| 3. | Loss on drying | 4.98% | NMT 7.00% |
| 4. | Total nitrogen (by Kjeldahl method) | 14.93% | NLT 12.00% |
| 5. | Alpha amino nitrogen (by formaldehyde titration method) | 4.02% | 3.5 - 4.5% |
| 6. | Residue on ignition | 8.95% | NMT 15.00% |
| 7. | Tryptophan test | Passes | Passes |

Chief Chemist