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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 Bacteriological**
Batch No. : **226452**
Date of Mfg. : **April 2023**
Date of Exp : **March 2026**
Register No. : **2023-24**
Qty of Sample : **500gm**
Date of Analysis : **April 2023**

| 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) | 6.02 | 5.0 - 7.0 |
| 3. | Loss on drying | 5.30% | NMT 7.0 w/w |
| 4. | Total nitrogen | 14.73% | NLT 12.00% w/v |
| 5. | Alpha amino nitrogen | 6.42% | 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