



LABPRO CHEM

"Essential Laboratory Chemicals For Scientific Research and Experimentation, Ensuring Accuracy And Precision In Every Process."

- LABPRO CHEM, Shop No: 198 New Link Road Near Laxmi Ind Estate Andheri West Mumbai 400053 Maharashtra (India)
- Mobile No: +91 9167157018 / GSTIN: 27GZCPS8548N1ZA / MSME: UDYAM-MH-18-0400921

CERTIFICATE OF ANALYSIS

Product Name: L-Asparagine 99% (For Biochemistry, Monohydrate)

CAT Number: LA0494

CAS Number: 5794-13-8

Batch Number: 345AS

Date of Manufacture: June 2025

Date of Expiry: May 2030

| Test Parameter | Specification | Result |
|--------------------------------------|---|----------|
| Appearance | White crystalline powder | Complies |
| Purity ($C_4H_8N_2O_3 \cdot H_2O$) | $\geq 99\%$ | 99.3% |
| Grade | For Biochemistry | Complies |
| Identification | Positive for L-Asparagine Monohydrate | Complies |
| Melting Point | 234 – 236°C (decomposes) | 235°C |
| Loss on Drying | 11.0 – 12.5% (consistent with monohydrate form) | 11.8% |
| Residue on Ignition | $\leq 0.1\%$ | 0.05% |
| Heavy Metals (as Pb) | ≤ 10 ppm | 3 ppm |
| pH (1% solution) | 5.0 – 6.0 | 5.4 |
| Solubility | Freely soluble in water | Complies |

Approved By

(Quality Control Department)

Date: 23/06/2025

For, LABPRO CHEM

AUTH SIGNATORY

Signature: _____

TESTED BY
PREM SINGH

APPROVED BY
SHAKIL AHMED