



## LABPRO CHEM

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

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### CERTIFICATE OF ANALYSIS

**Product Name:** Balsam Tolu

**CAT Number:** LA0522

**CAS Number:** 9000-64-0

**Batch Number:** 378BT

**Date of Manufacture:** June 2025

**Date of Expiry:** May 2030

| Test Parameter           | Specification                   | Result   |
|--------------------------|---------------------------------|----------|
| Appearance               | Amber to brown semi-solid resin | Complies |
| Purity                   | $\geq 98\%$                     | 98.3%    |
| Identification           | IR spectrum conforms            | Complies |
| Odour                    | Characteristic sweet balsamic   | Complies |
| Specific Gravity (20 °C) | 1.130 – 1.160                   | 1.144    |
| Acid Value               | $\leq 8$ mg KOH/g               | 5.6      |
| Loss on Drying           | $\leq 0.5\%$                    | 0.24%    |
| Residue on Ignition      | $\leq 0.1\%$                    | 0.05%    |
| Heavy Metals (as Pb)     | $\leq 10$ ppm                   | 4 ppm    |
| Solubility               | Miscible with alcohol           | Complies |

**Approved By**

(Quality Control Department)

Date: 23/06/2025

For, LABPRO CHEM  
*[Signature]*  
AUTH SIGNATORY

Signature: \_\_\_\_\_

TESTED BY  
PREM SINGH

APPROVED BY  
SHAKIL AHMED