



## 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:** ACRIFLAVIN, NEUTRAL For Molecular Biology (C.I. No. 46000)

**Catalogue No.:** LA0103

**CAS No.:** 8048-52-0

**Batch No.:** 716IJ

**Date of Manufacture:** JUNE 2025

**Date of Expiry:** DECEMBER 2030

| Parameters                         | Specifications                       | Results   |
|------------------------------------|--------------------------------------|-----------|
| Appearance                         | Orange to reddish crystalline powder | Complies  |
| Assay (Spectrophotometric)         | $\geq 95\%$                          | 96.1%     |
| Solubility                         | Soluble in water                     | Confirmed |
| Absorption Max ( $\lambda_{max}$ ) | $\sim 452$ nm (aqueous solution)     | 451.9 nm  |
| DNase, RNase, Protease             | Not Detected                         | ND        |
| Fluorescence                       | Strong green fluorescence under UV   | Observed  |
| Grade                              | For Molecular Biology                | Confirmed |
| Shelf Life                         | 5 Years                              | Complies  |

**Approved By**

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM  
AUTH SIGNATORY

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

TESTED BY  
PREM SINGH

APPROVED BY  
SHAKIL AHMED