



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: 27GZCP58548N1ZA / MSME: UDYAM-MH-18-0400921

CERTIFICATE OF ANALYSIS

Product Name: ACRIDINE ORANGE (M.S.) (C.I. No. 46005)

Catalogue No.: LA0101

CAS No.: 494-38-2

Batch No.: 106DR

Date of Manufacture: JUNE 2025

Date of Expiry: DECEMBER 2030

Parameters	Specifications	Results
Appearance	Reddish-orange crystalline powder	Complies
Assay (Spectrophotometric)	$\geq 95\%$	96.2%
Dye Content	$\geq 90\%$	91.5%
Solubility	Soluble in water	Confirmed
Absorption Max (λ_{max})	~ 500 nm (in aqueous solution)	499.8 nm
pH (1% solution)	5.5 – 6.5	6.0
Use	Microscopy Stain / Fluorescent Dye	Confirmed
Grade	Microscopy Stain (M.S.)	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