

TECHNICAL DATA SHEET

Acridine Orange | CAS 65-61-2

1. Product Identification

Product Name	Acridine Orange
CAS Number	65-61-2
Synonyms	Basic Orange 14, CI 46005, 3,6-Dimethylaminoacridine
Category	Lab Reagent
Available Grades	LR Grade
HSN Code	2934.99

2. Physical & Chemical Properties

Molecular Formula	C ₂₃ H ₁₃ N ₅
Molecular Weight	321.80
Appearance	Refer to TDS
Density	N/A
Boiling Point	N/A
Melting Point	N/A
Flash Point	N/A
Solubility	N/A

3. Applications

• Nucleic acid staining • Fluorescence microscopy • Flow cytometry • Cell viability assay

4. Industries Served

Research, Biotech, Diagnostic Labs

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.