

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-16 15:42:13
 Date of Next Testing: 2029-06-15 15:42:13
 Product Name: **Acridine Orange hemi(zinc chloride) salt**
 CAS Number: 10127-02-3
 Specifications & Purity: for electrophoresis
 Lot #: F2509044
 SKU #: **A100495**
 Version: **0**
 Analysis #: **100353**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	4.24000 %
Absorbance(E1%1cm)(H ₂ O, 490.0 to 494.0 nm)	≥950	1149.50000
Appearance (A100495)	red to brown powder	red to brown powder
ICP: Confirms Zinc Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Dark Orange to Amber,Clear,c=1mg/ml	pass	Pass



John Su
QA & QC Manager