

## Certificate of Analysis

Date of Testing: 2022-07-23 15:59:30  
Date of Next Testing: 2026-07-22 15:59:30  
Product Name: **Acridine Orange hemi(zinc chloride) salt**  
CAS Number: 10127-02-3  
Specifications & Purity: for electrophoresis  
Lot #: G2216079  
SKU #: **A100495**  
**Analysis: 100353**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	4.24 %
Absorbance(E1%1cm)(H <sub>2</sub> O, 490.0 to 494.0 nm)	≥950	1149.50
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 <sub>2</sub> O , Dark Orange to Amber,Clear,c=1mg/ml	pass	Pass



John Su  
QA & QC Manager