

Certificate of Analysis

Date of Testing: 2025-08-19 14:53:47

Date of Next Testing: 2029-08-18 14:53:47

Product Name: **Acridine Orange hemi(zinc chloride) salt**

CAS Number: 10127-02-3

Specifications & Purity: for electrophoresis

Lot #: H2507150

SKU #: **A100495**

Version: **0**

Analysis #: **100353**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	4.24 %
Absorbance(E1%1cm)(H ₂ 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 ₂ O , Dark Orange to Amber,Clear,c=1mg/ml	pass	Pass



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QA & QC Manager