

## Certificate of Analysis

Date of Testing: 2022-06-11 09:22:05  
Date of Next Testing: 2026-06-10 09:22:05  
Product Name: **Acridine Orange hemi(zinc chloride) salt**  
CAS Number: 10127-02-3  
Specifications & Purity: for electrophoresis  
Lot #: F2207282  
SKU #: **A100495**  
**Analysis:** **026672**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	2.60 %
Absorbance(E1%1cm)(H <sub>2</sub> O, 490.0 to 494.0 nm)	≥950	952.25
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



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QA & QC Manager