

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-23 16:04:56
Date of Next Testing: 2026-07-22 16:04:56
Product Name: **Acridine Orange hemi(zinc chloride) salt**
CAS Number: 10127-02-3
Specifications & Purity: for electrophoresis
Lot #: G2216055
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 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 |



John Su
QA & QC Manager