

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2022-11-25 18:58:00  
Date of Next Testing: 2026-11-24 18:58:00  
Product Name: **Acridine Orange base**  
CAS Number: 494-38-2  
Specifications & Purity: 75%  
Lot #: K2222322  
SKU #: **A121748**  
Analysis: **149432**

| Parameter            | Limit Values                                   | Result                                         |
|----------------------|------------------------------------------------|------------------------------------------------|
| Purity(HPLC)         | 75-100 (%)                                     | 89.41300 %                                     |
| Appearance (A121748) | Brown to Very Dark Brown Powder                | Brown to Very Dark Brown Powder                |
| Proton NMR spectrum  | Conforms to Structure                          | Conforms to Structure                          |
| Solubility1N HCl     | Clear,Orange to Very Dark Red-Brown,c = 1mg/ml | Clear,Orange to Very Dark Red-Brown,c = 1mg/ml |



John Su  
QA & QC Manager