

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-06 09:47:57

Date of Next Testing: 2029-02-05 09:47:57

Product Name: **Acridine**

CAS Number: 260-94-6

Specifications & Purity:  $\geq 98\%$ 

Lot #: D2117257

SKU #: **A106024**Version: **0**Analysis #: **465968**

Storage Temperature: Room temperature

| Parameter                               | Limit Values                                      | Result                                            |
|-----------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Purity(GC)                              | 98-100 (%)                                        | 99.70000 %                                        |
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)                                    | 98.60000 %                                        |
| Melting point                           | 108-112 (°C)                                      | 110.00000 °C                                      |
| Appearance (A106024)                    | Light yellow to brown powder or crystals or solid | Light yellow to brown powder or crystals or solid |
| Infrared spectrum                       | Conforms to Structure                             | Conforms to Structure                             |
| Proton NMR spectrum                     | Conforms to Structure                             | Conforms to Structure                             |

John Su  
QA & QC Manager