

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-08 12:26:24

Date of Next Testing: 2027-02-07 12:26:24

Product Name: **Acridine**

CAS Number: 260-94-6

Specifications & Purity:  $\geq 98\%$

Lot #: B2302609

SKU #: **A106024**

Version: **0**

**Analysis #:** **162843**

Storage Temperature: Room temperature

| Parameter                               | Limit Values                                      | Result                                            |
|-----------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Purity(GC)                              | 98-100 (%)                                        | 99.58400 %                                        |
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)                                    | 99.50000 %                                        |
| Melting point                           | 108-112 (°C)                                      | 111.57000 °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                             |



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QA & QC Manager