

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-23 10:08:15  
Date of Next Testing: 2027-05-22 10:08:15  
Product Name: **Phenanthrenequinone**  
CAS Number: 84-11-7  
Specifications & Purity: 99%  
Lot #: E2312269  
SKU #: **P106382**  
**Analysis:** **012423**  
Storage Temperature: Room temperature

| Parameter             | Limit Values                                       | Result                                             |
|-----------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(GC)            | 99-100 (%)                                         | 99.13 %                                            |
| Melting point         | 209-213 (°C)                                       | 209.25000 °C                                       |
| Appearance (p106382)  | Light Orange to Very Dark Orange Powder or Crystal | Light Orange to Very Dark Orange Powder or Crystal |
| Infrared spectrum     | Conforms to Structure                              | Conforms to Structure                              |
| Solubility in hot DMF | almost transparency                                | almost transparency                                |



John Su  
QA & QC Manager