

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-19 17:25:34  
Date of Next Testing: 2027-04-18 17:25:34  
Product Name: **Phenanthrenequinone**  
CAS Number: 84-11-7  
Specifications & Purity: 95%  
Lot #: D2313989  
SKU #: **P106381**  
**Analysis:** **203223**  
Storage Temperature: Room temperature

| Parameter            | Limit Values                       | Result                             |
|----------------------|------------------------------------|------------------------------------|
| Melting point        | 203-211 (°C)                       | 207.94000 °C                       |
| Purity(HPLC)         | 95-100 (%)                         | 98.98300 %                         |
| Appearance (P106381) | orange to brown powder or crystals | orange to brown powder or crystals |
| Proton NMR spectrum  | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager