

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-04 10:27:15  
Date of Next Testing: 2026-03-03 10:27:15  
Product Name: **1,4-Naphthoquinone**  
CAS Number: 130-15-4  
Specifications & Purity: 97%  
Lot #: B2225795  
SKU #: **N106403**  
Analysis: **058634**

| Parameter             | Limit Values                           | Result                                 |
|-----------------------|--|--|
| Water by Karl Fischer | 0-5 (%)                                | 0.05 %                                 |
| Purity(HPLC)          | 97-100 (%)                             | 99.51800 %                             |
| Melting point         | 123-126 (°C)                           | 125.77000 °C                           |
| Appearance (N106403)  | yellow to yellow-green or brown powder | yellow to yellow-green or brown powder |
| Infrared spectrum     | Conforms to Structure                  | Conforms to Structure                  |



John Su  
QA & QC Manager