

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-21 09:28:04  
Date of Next Testing: 2028-08-20 09:28:04  
Product Name: **1,3-Cyclohexanedione**  
CAS Number: 504-02-9  
Specifications & Purity: 97%  
Lot #: H2408319  
SKU #: **C106972**  
Version: **0**  
Analysis #: **339792**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter   | Limit Values   | Result   |
|---|--|--|
| Purity(HPLC)  | 97-100 (%)   | 98.00000 %   |
| Melting point   | 103-106 (°C)   | 105.24000 °C   |
| Purity(Neutralization titration)                                    | 96.5-103.5 (%)   | 97.24 %  |
| Infrared spectrum   | Conforms to Structure                                  | Conforms to Structure                                  |
| Appearance (C106972)  | White to Yellow and Beige<br>Powder, Crystal or chunks | White to Yellow and Beige<br>Powder, Crystal or chunks |
| Solubility, Colorless to Faint<br>Yellow, Clear 50mg/ml in methanol | pass   | Pass   |



John Su  
QA & QC Manager