

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-09 10:26:55  
Date of Next Testing: 2029-09-08 10:26:55  
Product Name: **1,3-Cyclohexanedione**  
CAS Number: 504-02-9  
Specifications & Purity:  $\geq 97\%$   
Lot #: K2118435  
SKU #: **C106972**  
Version: **0**  
Analysis #: **568128**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.60000 %
Melting point	103-106 (°C)	103.80000 °C
Purity(Neutralization titration)	96.5-103.5 (%)	99.68 %
Appearance (C106972)	White to Yellow and Beige Powder, Crystal or chunks	White to Yellow and Beige Powder, Crystal or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless to Faint Yellow, Clear 50mg/ml in methanol	pass	Pass



John Su  
QA & QC Manager