

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-20 09:41:25

Date of Next Testing: 2028-07-19 09:41:25

Product Name: **1,3-Cyclohexanedione**

CAS Number: 504-02-9

Specifications & Purity: $\geq 97\%$

Lot #: G2416360

SKU #: **C106972**

Version: **0**

Analysis #: **339797**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.36000 %
Melting point	103-106 (°C)	104.30000 °C
Purity(Neutralization titration)	96.5-103.5 (%)	98.24000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (C106972)	White to Yellow and Beige Powder, Crystal or chunks	White to Yellow and Beige Powder, Crystal or chunks
Solubility, Colorless to Faint Yellow, Clear 50mg/ml in methanol	pass	Pass



John Su
QA & QC Manager