

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-17 18:19:38

Date of Next Testing: 2028-12-16 18:19:38

Product Name: **5,5-Dimethyl-1,3-cyclohexanedione**

CAS Number: 126-81-8

Specifications & Purity: $\geq 96\%$

Lot #: L2413335

SKU #: **D105612**

Version: **1**

Analysis #: **451240**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	147-151 (°C)	147.45000 °C
Purity(GC)	96-100 (%)	96.58600 %
Ignition Residue (as sulfate)	0-0.2 (%)	0.00000 %
Appearance (D105612)	White to yellow powder or crystals	White to yellow powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness	passe test	passe test
Solubility in H2O	Almost transparency	almost transparency



John Su
QA & QC Manager