

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-09 11:44:27

Date of Next Testing: 2029-10-08 11:44:27

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

CAS Number: 126-81-8

Specifications & Purity: $\geq 96\%$

Lot #: I2526253

SKU # **D105612**

Version **1**

Analysis #: **585511**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	147-151 (°C)	150.72000 °C
Purity(GC)	96-100 (%)	99.98800 %
Ignition Residue (as sulfate)	0-0.2 (%)	0.01000 %
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 H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager