

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-09 13:25:15
Date of Next Testing: 2029-10-08 13:25:15
Product Name: **5,5-Dimethyl-1,3-cyclohexanedione**
CAS Number: 126-81-8
Specifications & Purity: $\geq 96\%$
Lot #: I2526323
SKU #: **D105612**
Version: **1**
Analysis #: **585511**

Parameter	Limit Values	Result
Melting point	147-151 (°C)	150.72000 °C
Purity(GC)	96-100 (%)	99.99 %
Ignition Residue (as sulfate)	0-0.2 (%)	0.01 %
Appearance (D105612)	White to yellow powder or crystals	White to yellow powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness	passee test	passee test
Solubility in H2O	Almost transparency	almost transparency



John Su
QA & QC Manager