

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-09 13:23:32

Date of Next Testing: 2027-09-29 13:23:32

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

CAS Number: 126-81-8

Specifications & Purity: $\geq 99\%$ (GC), for aldehyde analysis

Lot #: I2526321

SKU # **D105613**

Version **1**

Analysis #: **576672**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.99 %
Purity(Neutralization titration)	99-101 (%)	99.84 %
Melting point	147-151 (°C)	150.72000 °C
Appearance (D105613)	White to Yellow Crystals with Chunk(s)	White to Yellow Crystals with Chunk(s)
Sensitiveness	passe test	passe test
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager