

Certificate of Analysis

Date of Testing: 2024-10-24 10:28:49

Date of Next Testing: 2026-10-14 10:28:49

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

CAS Number: 126-81-8

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

Lot #: D2116130

SKU #: **D105613**

Version: **0**

Analysis #: **425807**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.58 %
Purity(Neutralization titration)	99-101 (%)	99.15 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.00 %
Melting point	147-151 (°C)	150.72800 °C
Appearance (D105613)	White to Yellow Crystals with Chunk(s)	White to Yellow Crystals with Chunk(s)
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness	passe test	passe test



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