

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-06-08 09:06:14

Date of Next Testing: 2028-06-08 09:06:14

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

CAS Number: 126-81-8

Specifications & Purity: $\geq 99.0\%$ (GC), for the determination of aldehydes

Lot #: K2429154

SKU #: **S52599**

Version: **0**

Analysis #: **443046**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.56 %
Purity(Neutralization titration)	99-101 (%)	99.12 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.00 %
Melting point	147-151 (°C)	150.71000 °C
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness	passe test	passe test
Appearance(S52599)	White to Yellow Crystals with Chunk(s)	White to Yellow Crystals with Chunk(s)

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

