

Certificate of Analysis

Date of Testing: 2023-02-27 19:07:23
Date of Next Testing: 2027-02-26 19:07:23
Product Name: **2,2-Dimethylglutaric acid**
CAS Number: 681-57-2
Specifications & Purity: 98%
Lot #: B2324255
SKU #: **D102790**
Analysis: **146765**

Parameter	Limit Values	Result
Melting point	83-87 (°C)	85.17000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	99.99 %
Purity(GC)	98-100 (%)	98.69 %
Appearance (D102790)	White to Off-White Powder	White to Off-White Powder
Solubility in H ₂ O , very faint turbidity	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager