

Certificate of Analysis

Date of Testing: 2025-01-13 11:23:51
Date of Next Testing: 2029-01-12 11:23:51
Product Name: **2,2-Dimethylglutaric acid**
CAS Number: 681-57-2
Specifications & Purity: $\geq 98\%$
Lot #: D2102033
SKU #: **D102790**
Version **1**
Analysis #: **461474**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.40 %
Melting point	83-87 (°C)	85.00000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	98.50 %
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