

Certificate of Analysis

Date of Testing: 2024-01-16 12:19:44

Date of Next Testing: 2028-01-15 12:19:44

Product Name: **α -Ketoglutaric acid**

CAS Number: 328-50-7

Specifications & Purity: 98%

Lot #: A2412398

SKU #: K105571

Analysis: 315067

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	113-117 (°C)	116.74000 °C
Purity (Titration by NaOH)	97.5-102.5 (%)	99.87 %
Appearance (K105571)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless and clear,50 mg/mL	pass	Pass



John Su
QA & QC Manager