

Certificate of Analysis

Date of Testing: 2024-01-16 10:54:12

Date of Next Testing: 2028-01-15 10:54:12

Product Name: **α -Ketoglutaric acid**

CAS Number: 328-50-7

Specifications & Purity: 99%,for cell culture

Lot #: A2412396

SKU #: K105570

Analysis: 310917

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	98.5-101.5 (%)	99.87 %
Melting point	113-117 (°C)	116.74000 °C
Appearance (K105570)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
Solubility in H ₂ O , Colorless and clear,50 mg/mL	pass	Pass
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insect cell culture test	pass	Pass



John Su
QA & QC Manager