

Certificate of Analysis

Date of Testing: 2022-07-12 17:11:57

Date of Next Testing: 2026-07-11 17:11:57

Product Name: **α -Ketoglutaric acid**

CAS Number: 328-50-7

Specifications & Purity: 99%,for cell culture

Lot #: G2209311

SKU #: **K105570**

Analysis: **107454**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	98.5-101.5 (%)	100.78 %
Melting point	113-117 (°C)	116.49000 °C
Appearance (K105570)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insect cell culture test	pass	Pass
Solubility in H ₂ O , Colorless and clear,50 mg/mL	pass	Pass

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager