

Certificate of Analysis

Date of Testing: 2025-06-27 09:32:36

Date of Next Testing: 2029-06-26 09:32:36

Product Name: **α -Ketoglutaric acid**

CAS Number: 328-50-7

Specifications & Purity: Moligand™, for cell culture, $\geq 99\%$

Lot #: F2518420

SKU #: K105570

Version: 1

Analysis #: 516813

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	98.5-101.5 (%)	99.40%
Melting point	113-117 (°C)	116.86000 °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
Infrared spectrum	Conforms to Structure	Conforms to Structure
Cell Culture Test	pass	Pass
Insect cell culture test	pass	Pass



John Su
QA & QC Manager