

Certificate of Analysis

Date of Testing: 2025-01-07 16:30:54
 Date of Next Testing: 2029-01-06 16:30:54
 Product Name: **α -Ketoglutaric acid**
 CAS Number: 328-50-7
 Specifications & Purity: Moligand™, for cell culture, ≥99%
 Lot #: A2506533
 SKU #: **K105570**
 Version: **1**
 Analysis #: **452266**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	98.5-101.5 (%)	99.61%
Melting point	113-117 (°C)	116.84000 °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
Insect cell culture test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager