

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-17 14:53:31
 Date of Next Testing: 2030-01-16 14:53:31
 Product Name: **α -Ketoglutaric acid**
 CAS Number: 328-50-7
 Specifications & Purity: Moligand™, for cell culture, ≥99%
 Lot #: A2612076
 SKU #: K105570
 Version: 1
 Analysis #: 644400
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	98.5-101.5 (%)	99.80000 %
Melting point	113-117 (°C)	114.00000 °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 H2O , Colorless and clear,50 mg/mL	pass	Pass



John Su
QA & QC Manager