

Certificate of Analysis

Date of Testing: 2025-01-07 18:03:22

Date of Next Testing: 2029-01-06 18:03:22

Product Name: **α -Ketoglutaric acid**

CAS Number: 328-50-7

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

Lot #: A2506416

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



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QA & QC Manager