

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-24 09:31:14  
Date of Next Testing: 2028-08-23 09:31:14  
Product Name:  **$\alpha$ -Ketoglutaric acid**  
CAS Number: 328-50-7  
Specifications & Purity: 98%  
Lot #: H2419398  
SKU #: **K105571**  
Version: **0**  
Analysis #: **403738**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	113-117 (°C)	116.59000 °C
Purity (Titration by NaOH)	97.5-102.5 (%)	99.44 %
Appearance (K105571)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless and clear,50 mg/mL	pass	Pass



John Su  
QA & QC Manager