

Certificate of Analysis

Date of Testing: 2025-08-02 15:03:39
Date of Next Testing: 2030-08-01 15:03:39
Product Name: **α -Ketoglutaric acid sodium salt**
CAS Number: 22202-68-2
Specifications & Purity: $\geq 98\%$ (titration)
Lot #: G2531460
SKU #: K773925
Version: 1
Analysis #: 484224
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	1.42 %
Purity(Titration by HClO ₄)	97.5-102.5 (%)	99.51 %
Appearance(K773925)	White or light yellow powder	White or light yellow powder
Solubility (100 mg/mL, H ₂ O) Colorless , clear	Pass	Pass
LC-MS for identification	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager