

Certificate of Analysis

Date of Testing: 2023-07-11 15:27:18

Date of Next Testing: 2027-07-10 15:27:18

Product Name: **α -Ketoglutaric acid disodium salt dihydrate**

CAS Number: 305-72-6

Specifications & Purity: >98.0%(T)

Lot #: F2327078

SKU #: **D154292**

Analysis: **250154**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Loss on drying	14.9-16.9 (%)	15.99 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.41 %
Appearance (D154292)	white to beige powder or crystals	white to beige powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager