

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-15 10:48:13
Date of Next Testing: 2027-01-15 10:48:13
Product Name: **(2S)-2-Hydroxyglutaric Acid Disodium Salt**
CAS Number: 63512-50-5
Specifications & Purity: $\geq 98\%$ (GC)
Lot #: D2306805
SKU #: **S135663**
Version: **2**
Analysis #: **463137**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D-10--7}$ ($^{\circ}$)		-7.71 $^{\circ}$
Water by Karl Fischer	0-6 (%)	1.16 %
Purity(HPLC area)	98-100 (%)	99.77 %
Appearance (S135663)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager