

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-12 13:32:02
 Date of Next Testing: 2026-05-11 13:32:02
 Product Name: (S)-(+)-4-Amino-3-hydroxybutyric acid
 CAS Number: 7013-05-0
 Specifications & Purity: ≥97%
 Lot #: E23081346
 SKU #: S469570
 Version: 1
 Analysis #: 205921
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Optical	17.0 - 23.0 (°)	21.42500 °
Rotation[α] _{20/D(C=1.7%, H₂O)}		
Purity (Titration by NaOH)	96.5-103.5 (%)	100.25000 %
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Appearance(S469570)	White to Tan Powder, Crystals or Crystalline Powder and/or Chunks	White to Almost white to Tan Powder, Crystals or Crystalline Powder and/or Chunks



John Su
QA & QC Manager