

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-02 15:12:12

Date of Next Testing: 2029-03-01 15:12:12

Product Name: (S)-(+)-4-Amino-3-hydroxybutyric acid

CAS Number: 7013-05-0

Specifications & Purity: ≥97%

Lot #: E23081341

SKU #: S469570

Version: 1

Analysis #: 658323

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Purity (Titration by NaOH)	96.5-103.5 (%)	100.24800 %
Optical Rotation[α] ₂₀ /D(C=1.7%, H ₂ O)	17.0 - 23.0 (°)	21.42300 °
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