

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-19 17:42:03

Date of Next Testing: 2027-07-18 17:42:03

Product Name: **Ethyl (S)-(+)-3-Hydroxybutyrate**

CAS Number: 56816-01-4

Specifications & Purity: $\geq 96\%$ (GC)

Lot #: G2311018

SKU #: **E156467**

Version: **0**

Analysis #: **253965**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	96-100 (%)	96.19300 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	41-45 (°)	44.89000 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager