

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-07-26 18:09:23
Date of Next Testing:	2027-07-25 18:09:23
Product Name:	Methyl (S)-(+)-3-hydroxybutyrate
CAS Number:	53562-86-0
Specifications & Purity:	≥98%(GC)
Lot #:	G2320102
SKU #	H124101
Version	0
Analysis #:	096844
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.83100 %
Density (20°C)	1.056-1.06	1.05600
Specific Rotation [α] _{20/D}	21-24 (°)	22.80000 °
Refractive index n _{20/D}	1.42-1.423	1.42100
Appearance (H124101)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager