

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-09 09:01:29
 Date of Next Testing: 2026-06-08 09:01:29
 Product Name: **Methyl (S)-(+)-3-hydroxybutyrate**
 CAS Number: 53562-86-0
 Specifications & Purity: $\geq 98\%$ (GC)
 Lot #: F2204590
 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 $[\alpha]_{20/D}$	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