

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-08 13:30:01
 Date of Next Testing: 2027-05-07 13:30:01
 Product Name: **Methyl (R)-3-hydroxybutyrate**
 CAS Number: 3976-69-0
 Specifications & Purity: $\geq 98\%$ (GC)
 Lot #: I1515205
 SKU # **H124084**
 Version **0**
 Analysis #: **219137**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.10000 %
Refractive index n ₂₀ /D	1.42-1.423	1.42100
Density (20°C)	1.056-1.06	1.05630
Specific Rotation [α] ₂₀ /D	-25--21 (°)	-23.36600 °
Appearance (H124084)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager