

Certificate of Analysis

Date of Testing: 2023-05-08 11:41:27

Date of Next Testing: 2027-05-07 11:41:27

Product Name: **Methyl (R)-3-hydroxybutyrate**

CAS Number: 3976-69-0

Specifications & Purity: $\geq 98.0\%$ (GC)

Lot #: G1931118

SKU #: **H124084**

Analysis: **219025**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.09 %
Refractive index n _{20/D}	1.42-1.423	1.42
Density (20°C)	1.056-1.06	1.06
Specific Rotation [α] _{20/D}	-25--21 (°)	-23.36 °
Appearance (H124084)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager