

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-28 15:13:26
 Date of Next Testing: 2026-05-28 15:13:26
 Product Name: **(R)-3-Hydroxyisobutyric Acid Methyl Ester**
 CAS Number: 72657-23-9
 Specifications & Purity: $\geq 98\%$ (GC)
 Lot #: L2426003
 SKU #: **R136025**
 Version: **0**
 Analysis #: **354001**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in MeOH})$	-29--22 (°)	-26.24400 °
Enantiometric Excess	98-100 (%)	98.90000 %
Purity(GC)	98-100 (%)	98.00500 %
Appearance (R136025)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager