

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-03-30 08:43:21
Date of Next Testing:	2025-03-29 08:43:21
Product Name:	Methyl (S)-(-)-3-Bromoisobutyrate
CAS Number:	98190-85-3
Specifications & Purity:	>97.0%(GC)
Lot #:	C2316303
SKU #	M158847
Analysis:	162410

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	97.55 %
Refractive index n ₂₀ /D	1.453-1.457	1.46
Optical purity(GC)(ee)	97-100 (%)	98.50 %
specific rotation [α] ₂₀ /D(c=Neat)	-19~-13 (°)	-18.90000 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager