

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-15 16:48:25
Date of Next Testing: 2026-10-15 16:48:25
Product Name: **Methyl (S)-(-)-3-Bromoisobutyrate**
CAS Number: 98190-85-3
Specifications & Purity: $\geq 97\%$ (GC)
Lot #: K2223284
SKU #: **M158847**
Version: **1**
Analysis #: **408173**

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	97.49 %
Refractive index n ₂₀ /D	1.453-1.457	1.46
Optical purity(GC)(ee)	97-100 (%)	98.20 %
specific rotation [α] ₂₀ /D(c=Neat)	-19--13 (°)	-14.20000 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager