

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-01 14:54:27
Date of Next Testing: 2026-04-01 14:54:27
Product Name: **Methyl (S)-(-)-3-Bromoisobutyrate**
CAS Number: 98190-85-3
Specifications & Purity: >95.0%(GC)
Lot #: F2210278
SKU #: **M409449**
Analysis: **330186**

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Refractive index n ₂₀ /D | 1.453 - 1.457 | 1.46 |
| Purity(GC) | 95-100 (%) | 95.54 % |
| specific rotation [α] ₂₀ /D(c=Neat) | -19--13 (°) | -18.81800 ° |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager