

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-30 16:23:39
 Date of Next Testing: 2024-11-19 16:23:39
 Product Name: **sec-Butyl bromide**
 CAS Number: 78-76-2
 Specifications & Purity: $\geq 98\%$
 Lot #: K2222456
 SKU #: **B109118**
 Version: **0**
 Analysis #: **149032**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.51800 %
Refractive index n ₂₀ /D	1.4355-1.4375	1.43710
Density (20°C)	1.258-1.264	1.26200
Appearance (B109118)	Colorless to yellow brown liquid	Colorless to yellow brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager