

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-06 17:07:19
 Date of Next Testing: 2025-05-26 17:07:19
 Product Name: **2-Bromobutyric acid**
 CAS Number: 80-58-0
 Specifications & Purity: $\geq 98\%$
 Lot #: F2301053
 SKU #: **B108037**
 Version: **1**
 Analysis #: **073115**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.565-1.575	1.56800
Refractive index n _{20/D}	1.471-1.475	1.47490
Purity(GC)	98-100 (%)	98.66700 %
Purity(Neutralization titration)	97.5-102.5 (%)	99.65000 %
Water by Karl Fischer	0-0.2 (%)	0.19300 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance (B108037)	Colorless to yellow liquid	Colorless to Yellow Liquid



John Su
QA & QC Manager