

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-05 18:22:23

Date of Next Testing: 2024-11-24 18:22:23

Product Name: **1,2-Dibromobutane**

CAS Number: 533-98-2

Specifications & Purity: $\geq 98\%$

Lot #: L2201238

SKU #: **D102336**

Version: **2**

Analysis #: **153618**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.513-1.516	1.51490
Purity(GC)	98-100 (%)	99.68400 %
Density (20°C)	1.795-1.802	1.79900
Appearance (D102336)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager