

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-09-15 10:22:50

Date of Next Testing: 2028-09-04 10:22:50

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

CAS Number: 533-98-2

Grades & Purity:  $\geq 98\%$

Lot #: I2608547

SKU #: **D102336**

Version: **2**

Analysis #: **722521**

Storage Temperature: Room temperature

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Refractive index n <sub>20</sub> /D | 1.513-1.516                | 1.51460                    |
| Purity(GC)                          | 98-100 (%)                 | 99.63300 %                 |
| Density (20°C)                      | 1.795-1.802                | 1.80000                    |
| Appearance (D102336)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                 | Conforms to structure      | Conforms to Structure      |



John Su  
QA & QC Manager