

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-16 11:04:01

Date of Next Testing: 2027-06-06 11:04:01

Product Name: **1,3-Dibromopropane**

CAS Number: 109-64-8

Specifications & Purity: $\geq 99\%$

Lot #: L2116519

SKU #: **D104778**

Version: **3**

Analysis #: **523581**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.521-1.524	1.52
Purity(GC)	99-100 (%)	99.57%
Appearance (D104778)	Colorless to Light yellow to Light orange clear liquid	Colorless to Light yellow to Light orange clear liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager