

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-13 16:19:49
 Date of Next Testing: 2029-05-12 16:19:49
 Product Name: **N-(2-Bromoethyl)-1,3-propanediamine dihydrobromide**
 CAS Number: 23545-42-8
 Specifications & Purity: $\geq 95\%$
 Lot #: E2607596
 SKU #: **N168872**
 Version: **1**
 Analysis #: **638264**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.04200 %
Assay(Titration by AgNO ₃)	94.5-105.5 (%)	103.15000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager