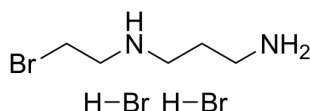


## Certificate of Analysis

### Compound Information

Product Name:	N-(2-Bromoethyl)-1,3-propanediamine dihydrobromide
Cat. No.:	1069703
CAS No.:	23545-42-8
Molecular Formula:	C <sub>5</sub> H <sub>15</sub> Br <sub>3</sub> N <sub>2</sub>
Molecular Weight:	342.90
Chemical Structure:	



### Batch Information

Batch No.:	Lf0830164571
Storage:	Store at room temperature
Test Date:	2022-08-30
Retest Date:	2027-08-29
Origin:	Shanghai, China

### QC Summary

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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