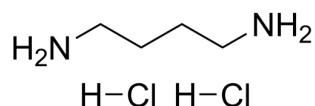


Certificate of Analysis

Compound Information

Product Name:	1,4-Butanediamine (dihydrochloride)
Cat. No.:	1029933
CAS No.:	333-93-7
Molecular Formula:	C ₄ H ₁₄ Cl ₂ N ₂
Molecular Weight:	161.07
Chemical Structure:	



Batch Information

Batch No.:	Lb1223052
Storage:	2-8°C, sealed storage, away from moisture
Test Date:	2022-01-06
Retest Date:	2025-01-05
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Assay (QNMR):	95.55%
Conclusion:	The product has been tested and complies with the given specifications.

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

Tel: 400-821-0725

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