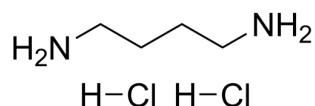


Certificate of Analysis

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.:	Lc1115077
Storage:	2-8°C, sealed storage, away from moisture
Test Date:	2019-01-09
Retest Date:	2022-01-08
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥95.0%
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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