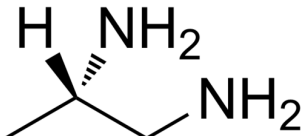
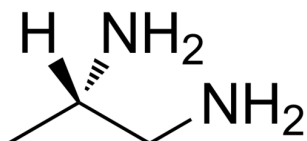


Certificate of Analysis

Compound Information

Product Name:	(S)-Propane-1,2-diamine dihydrochloride
Cat. No.:	1024961
CAS No.:	19777-66-3
Molecular Formula:	C ₃ H ₁₂ Cl ₂ N ₂
Molecular Weight:	147.05
Chemical Structure:	



HCl HCl

Batch Information

Batch No.:	Lf1203187433
Storage:	Store at room temperature
Test Date:	2022-12-03
Retest Date:	2027-12-02
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
OR(C=0.80 g/100ml H₂O):	-4.8°
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

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai