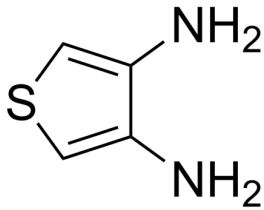


Certificate of Analysis

Compound Information

Product Name:	Thiophene-3,4-diamine dihydrochloride
Cat. No.:	1046333
CAS No.:	90069-81-1
Molecular Formula:	C ₄ H ₈ Cl ₂ N ₂ S
Molecular Weight:	187.09
Chemical Structure:	

HCl HCl

Batch Information

Batch No.:	Lf1107180440
Storage:	Store at room temperature
Test Date:	2022-11-08
Retest Date:	2027-11-07
Origin:	Shanghai, China

QC Summary

Appearance:	Off-white to light yellow (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity (HPLC):	98.13%
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