

Certificate of Analysis

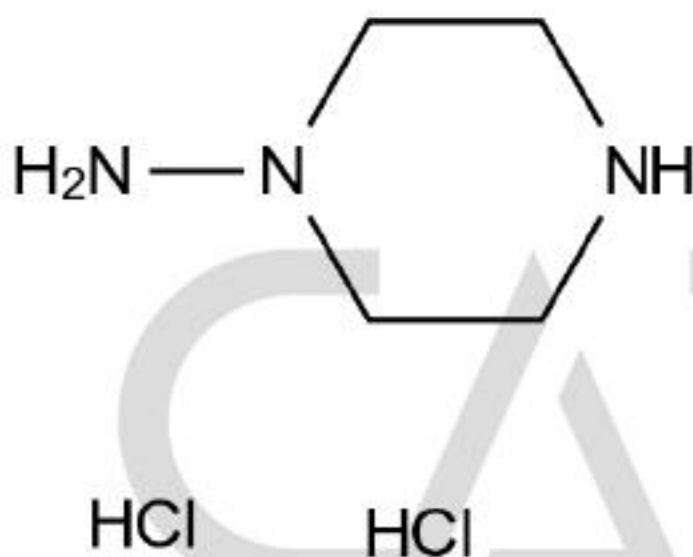
Reference Material & Standard

Product Name:	piperazin-1-amine; dihydrochloride	Catalogue Number:	C1110749
Synonyms:	N/A	Lot Number:	0216-SA-7011
CAS Number:	1198287-12-5	Expiry Date:	Feb 15, 28
Molecular Formula:	$C_4H_{11}N_3 \cdot 2HCl$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	101.15 $\times$ 2 = 36.46		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	96.970%

Signature:

Prepared by:

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Reviewed by:

Yuki

Approved by General Manager:

David

Date: Feb 16, 24

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Official WeChat

Directions:

1. *Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
2. *Minimum sample size: 1mg is recommended as the minimum sample size.*
3. *Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
4. *Instructions for handling and correct use: Handling in a well-ventilated place.*

Document Version:

Revision No.	Date	Reason for Revision
01	Feb 16, 24	First release.

