

Certificate of Analysis

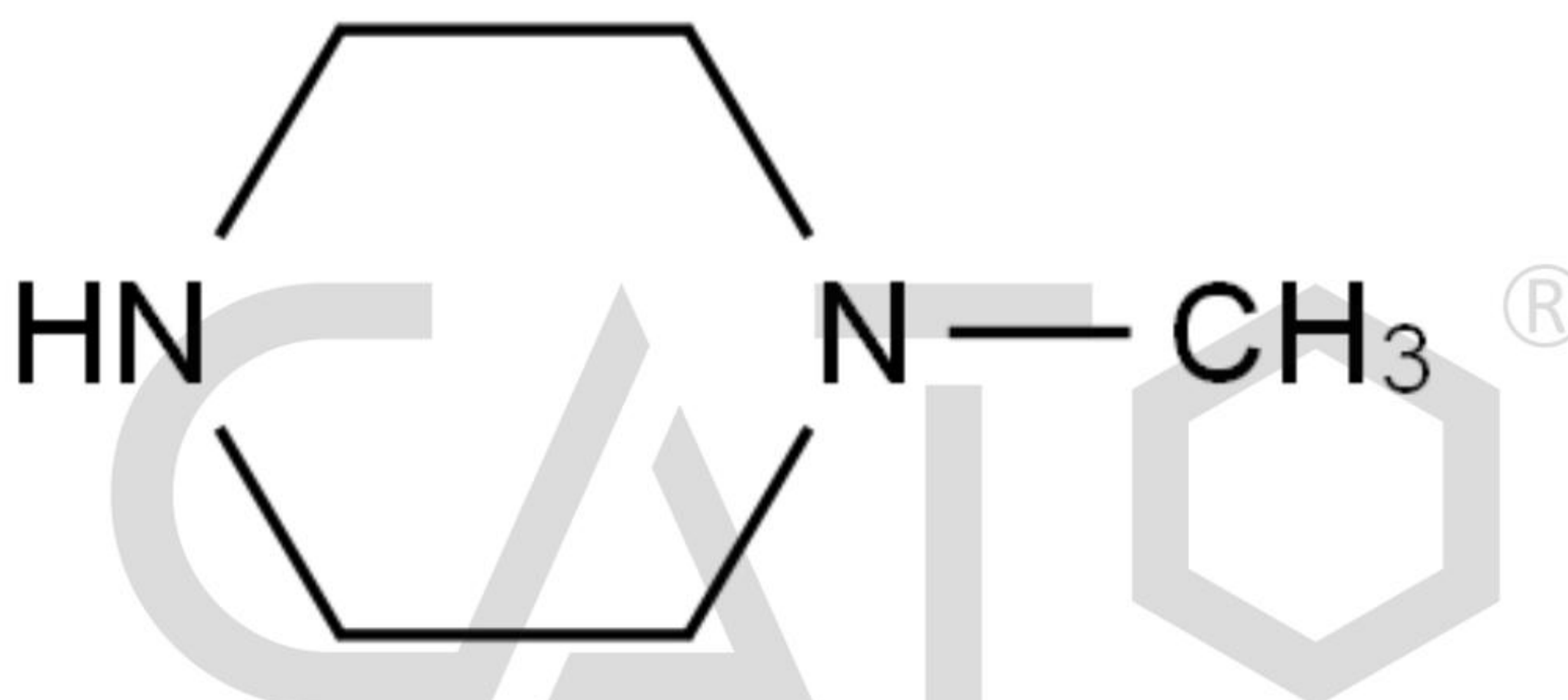
Reference Material & Standard

Product Name:	Chlorcyclizine EP Impurity A	Catalogue Number:	C4X-106854
Synonyms:	1-Methylpiperazine	Lot Number:	0913-RF-0001
CAS Number:	109-01-3	Expiry Date:	Sep 12, 2027
Molecular Formula:	C ₅ H ₁₂ N ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	100.16	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&IR&CNMR&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	95.5%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 13, 2024

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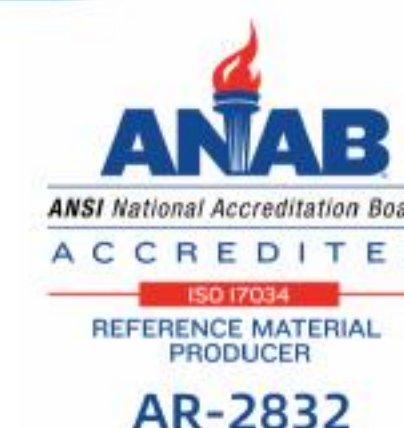
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

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