

Certificate of Analysis

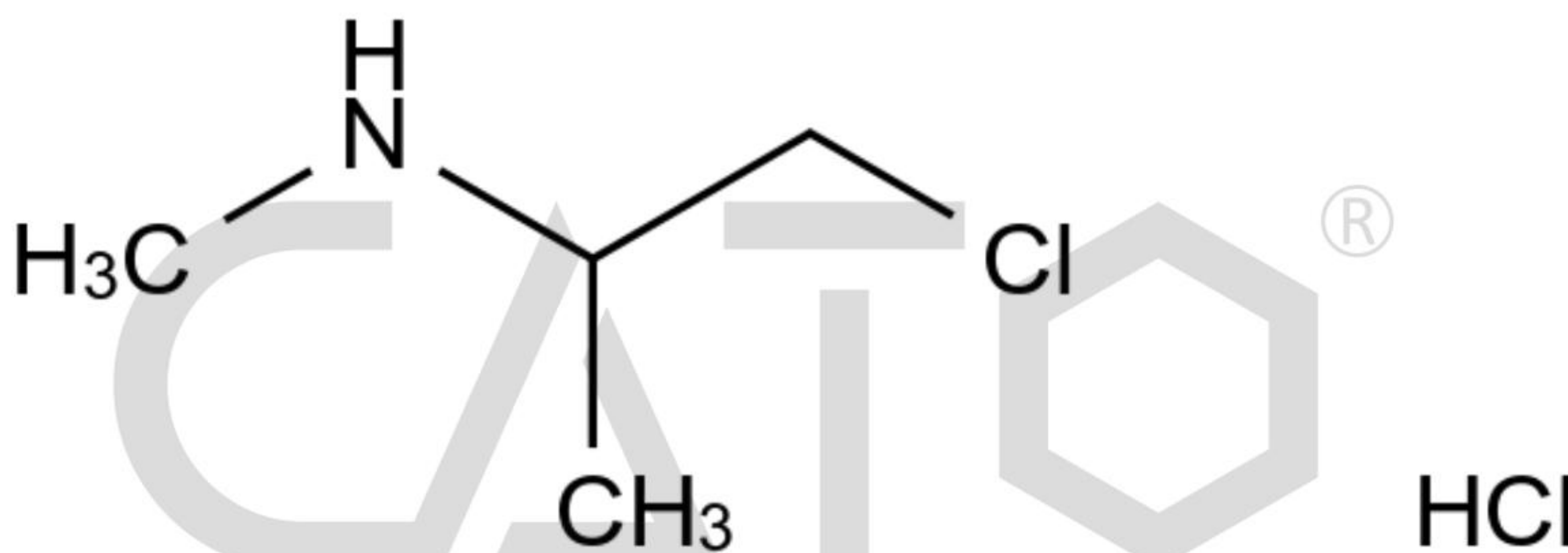
Reference Material & Standard

Product Name:	Promethazine Impurity 32	Catalogue Number:	C4X-141832
Synonyms:	N/A	Lot Number:	0409-RH-0035
CAS Number:	N/A	Expiry Date:	Apr 13, 2030
Molecular Formula:	C ₁₄ H ₁₀ ClN HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	107.58 36.46	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.1170%
Loss on Drying	TGA	1.560%
Assay		96.6%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Apr 15, 2026

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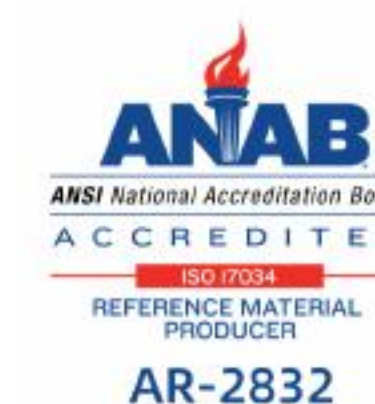
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