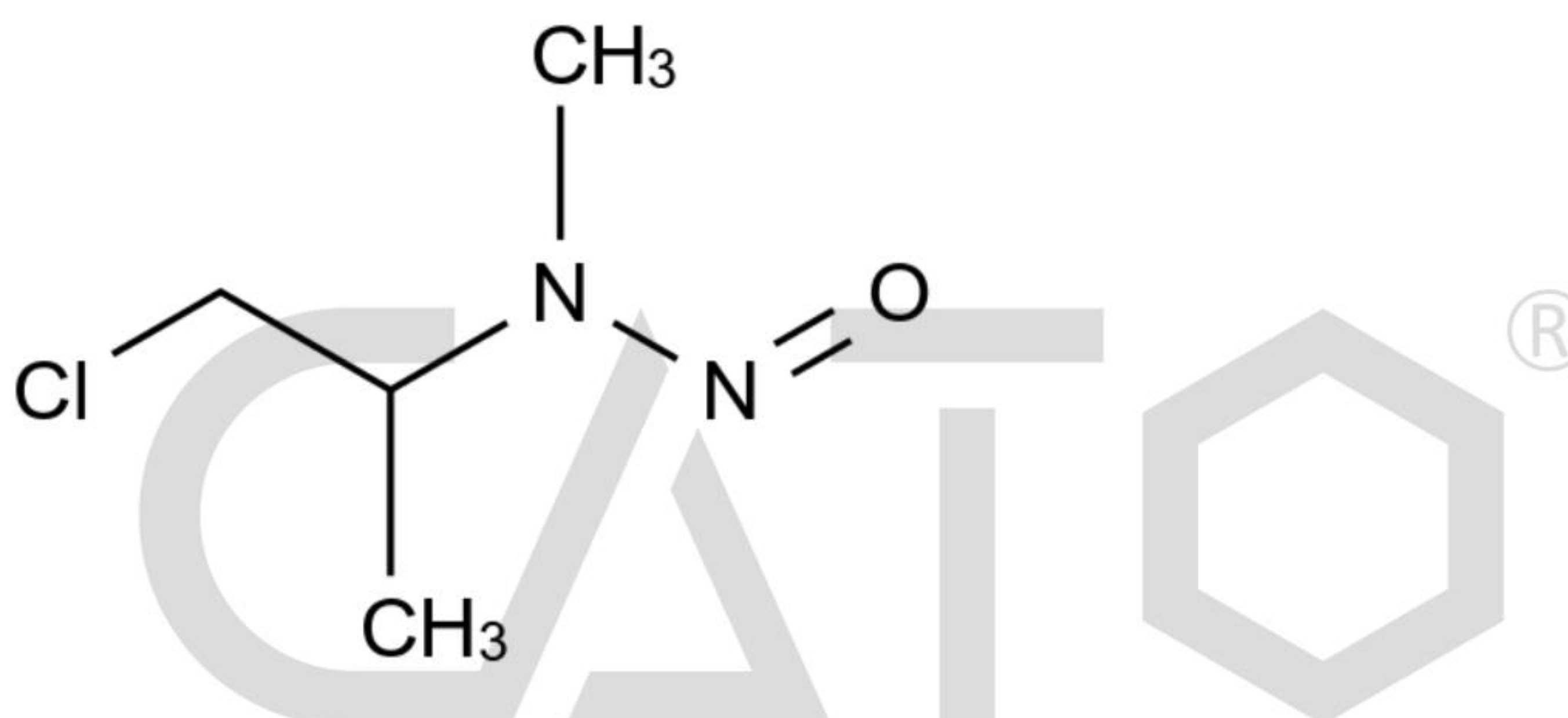


Certificate of Analysis

Reference Material & Standard

Product Name:	Promethazine Impurity 71	Catalogue Number:	C4X-141871
Synonyms:	N/A	Lot Number:	0416-RH-0009
CAS Number:	N/A	Expiry Date:	Oct 12, 2027
Molecular Formula:	C ₁₄ H ₁₃ ClN ₂ O	Storage:	-80°C±5°C Protected from light and Sealed
Molecular Weight:	136.58	Shipping Condition:	Shipping with Dry Ice

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.4840%
Water Content	Karl Fischer	2.667%
Residual Solvents	NMR	Not detected in NMR
Assay		94.9%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Apr 21, 2026

Date: Apr 21, 2026

Date: Apr 21, 2026



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