

Certificate of Analysis

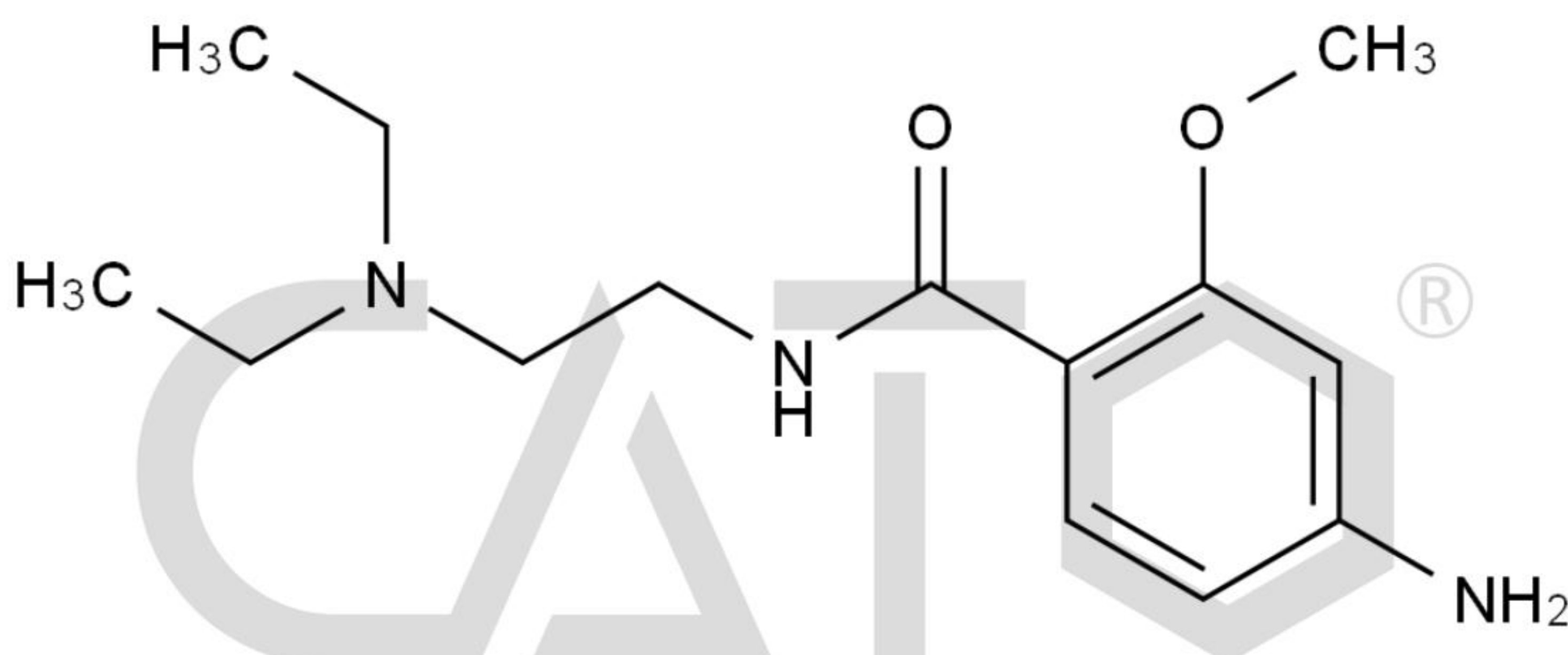
Reference Material & Standard

Product Name:	Metoclopramide Impurity N1	Catalogue Number:	CP135186
Synonyms:	N/A	Lot Number:	0624-RF-0026
CAS Number:	3761-48-6	Expiry Date:	Jun 17, 2029
Molecular Formula:	C ₁₄ H ₂₃ N ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	265.36	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Sticky Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.838%
Water Content	Karl Fischer	2.00%
Residual Solvents	NMR	1.26% ethyl acetate
Assay		96.6%

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: Jun 23, 2026

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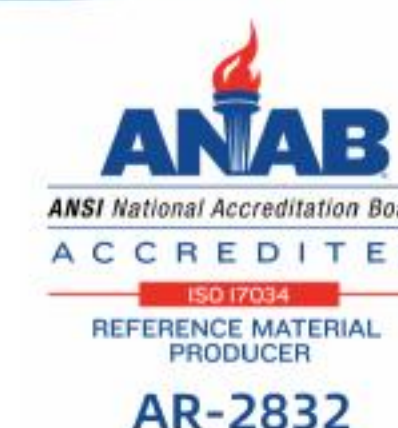
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