

Certificate of Analysis

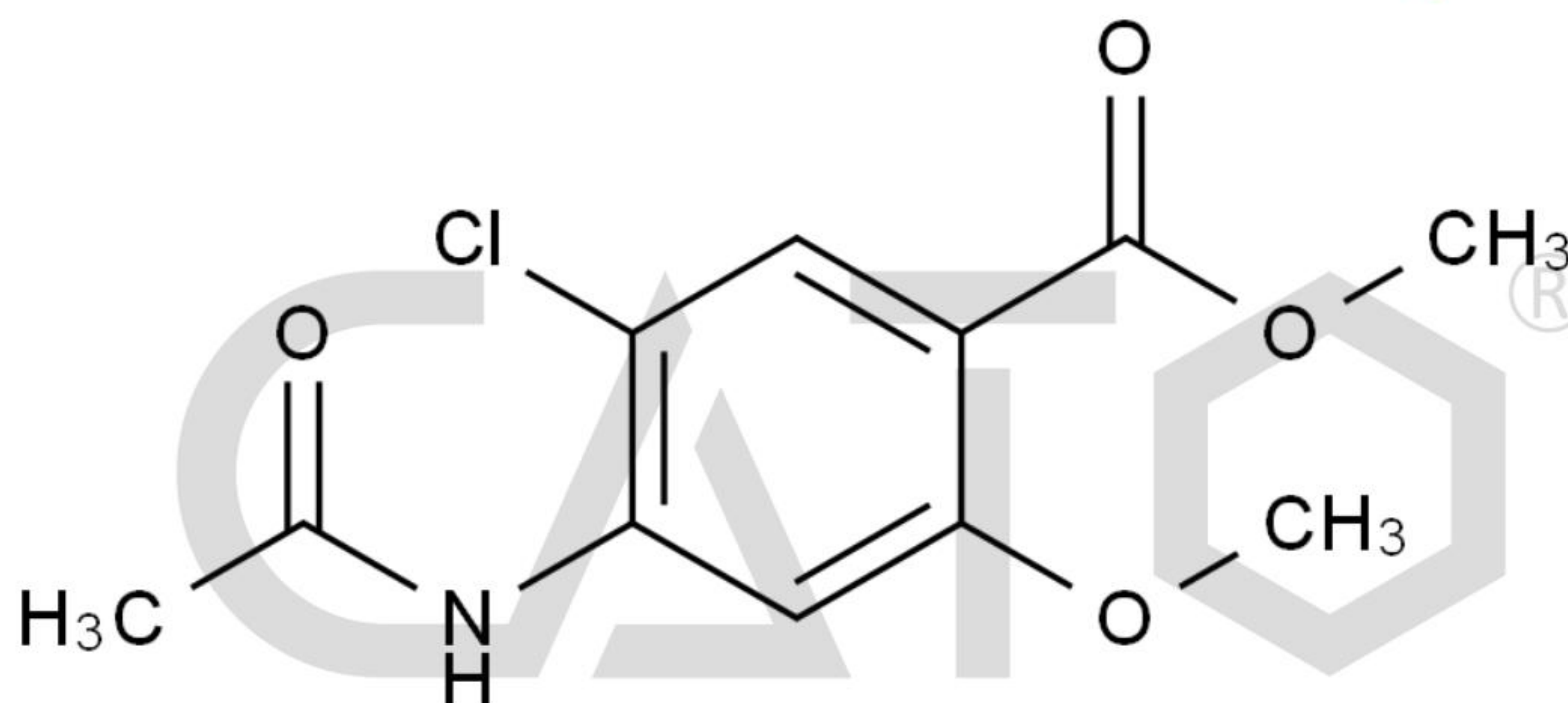
Reference Material & Standard

Product Name:	Metoclopramide EP Impurity B	Catalogue Number:	C4X-14152
Synonyms:	N/A	Lot Number:	0722-RC-0003
CAS Number:	4093-31-6	Expiry Date:	Sep 22, 2029
Molecular Formula:	C ₁₁ H ₁₂ ClNO ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	257.67		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Brown Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	Muffle Furnace	0.07%
Loss On Drying	TGA	0.2587%
Assay		99.6%

Comment:

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

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

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Reviewed by:

Lisa

Approved by General Manager:

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Date: Sep 23, 2025

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