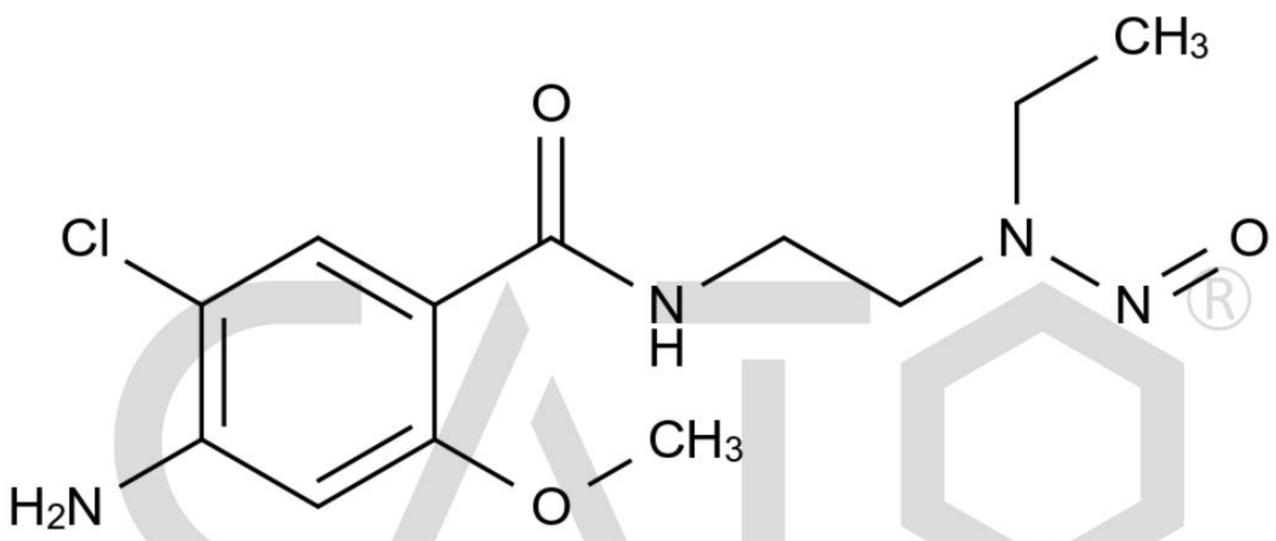
Certificate of Analysis

Reference Material & Standard

Product Name:	Metoclopramide impurity 49	**Catalogue Number:**	C4X-141549
Synonyms:	N/A	**Lot Number:**	0908-RH-0021
CAS Number:	N/A	**Expiry Date:**	Jul 30, 2030
Molecular Formula:	$C_{12}H_{17}ClN_4O_3$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	300.74	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.375%
Loss on Drying	TGA	0.4925%
Assay		98.9%

CATO Research Chemicals Inc.

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: Date: Sep 08, 2026

Reviewed by: Date: Sep 09, 2026

Approved by General Manager: Date: Sep 09, 2026

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

ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

ISO 9001:2000 SYSTEM CERTIFICATION SGS

Official WeChat