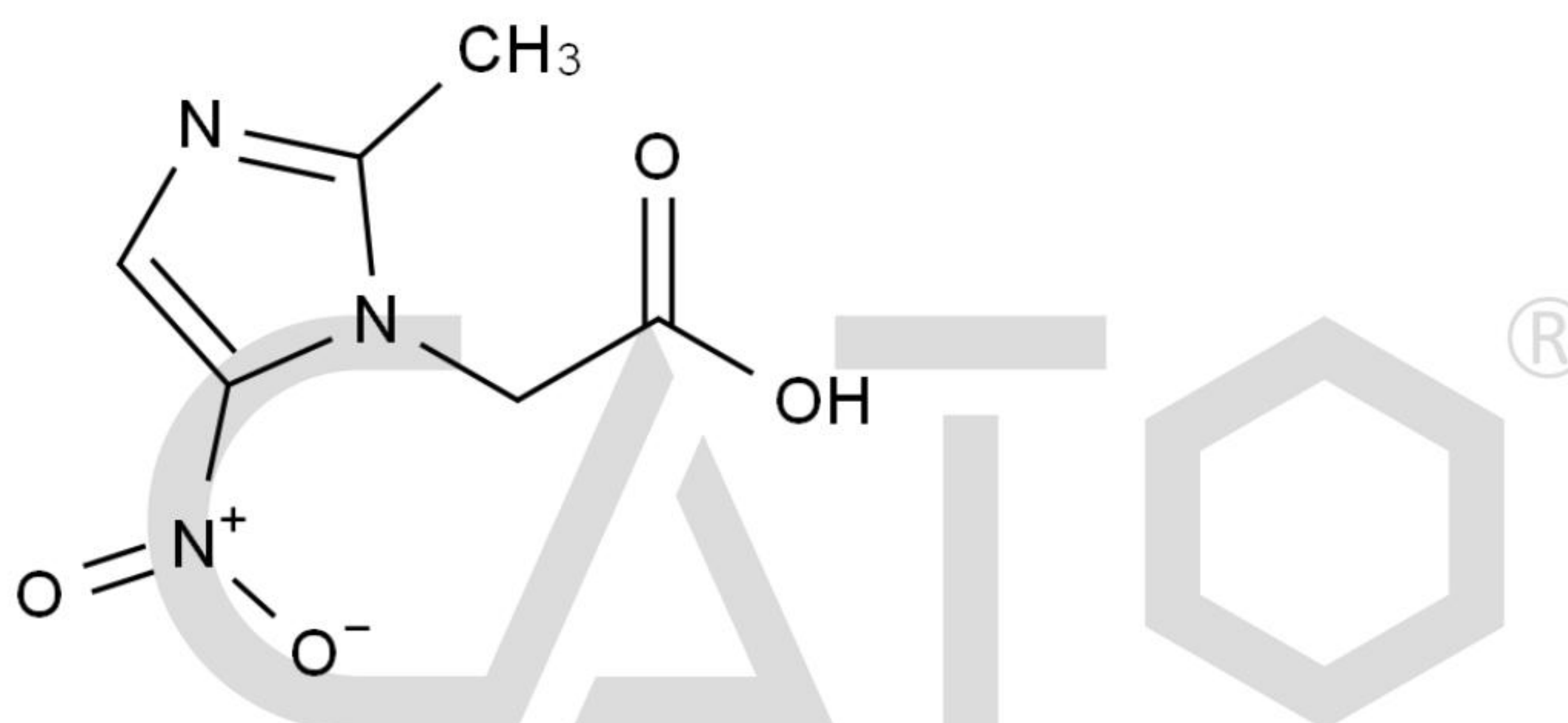


Certificate of Analysis

Reference Material & Standard

Product Name:	Metronidazole EP Impurity G	Catalogue Number:	C4X-14057
Synonyms:	N/A	Lot Number:	0810-RH-0048
CAS Number:	1010-93-1	Expiry Date:	Aug 11, 2030
Molecular Formula:	C ₆ H ₇ N ₃ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	185.14	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Dark Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.815%
Water Content	Karl Fischer	0.6246%
Assay		99.2%

Comment:

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

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

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 12, 2026

Date: Aug 12, 2026

Date: Aug 12, 2026



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