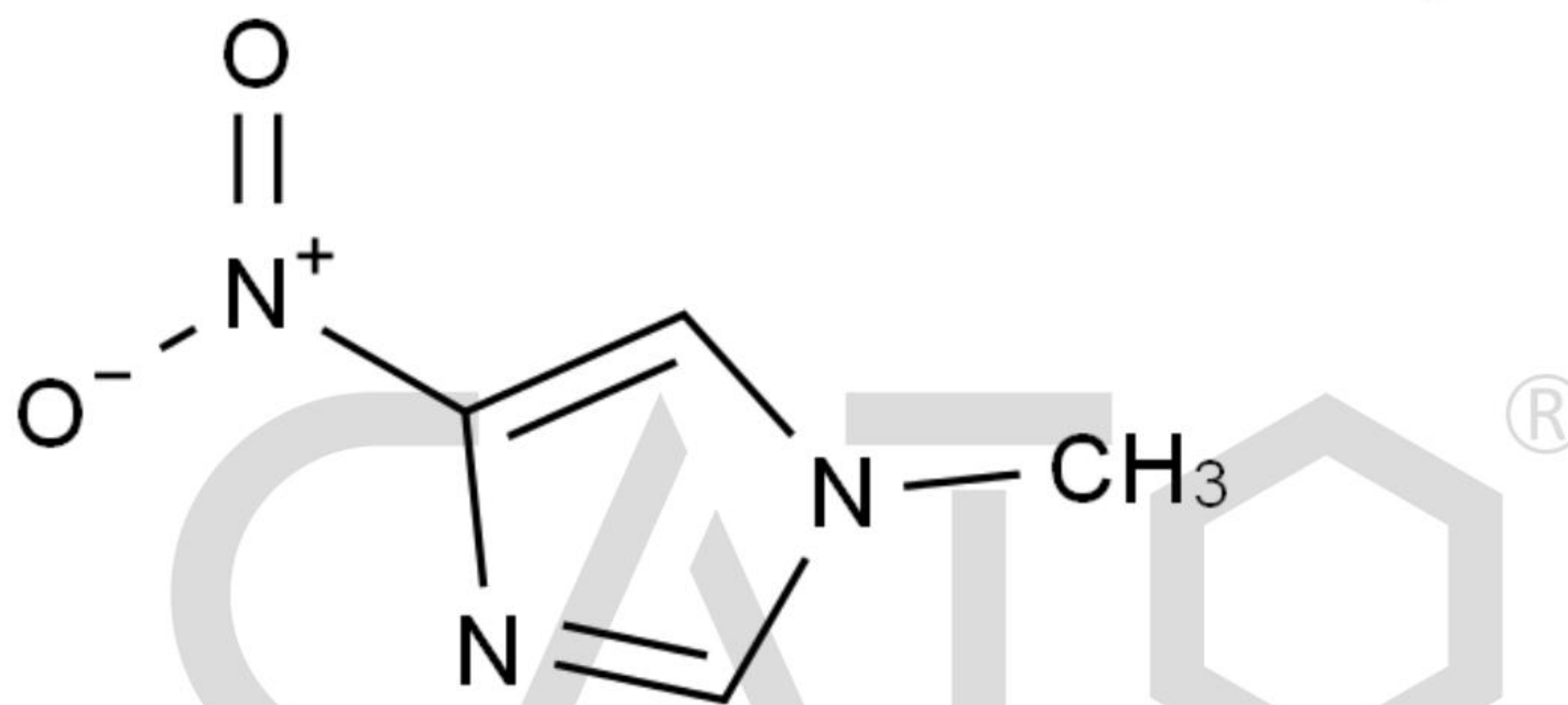


Certificate of Analysis

Reference Material & Standard

Product Name:	Metronidazole Impurity 11	Catalogue Number:	C4X-140511
Synonyms:	N/A	Lot Number:	0724-RF-0013
CAS Number:	3034-41-1	Expiry Date:	Jul 25, 2027
Molecular Formula:	C ₄ H ₅ N ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	127.10	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.846%
Loss On Drying	TGA	0.0700%
Assay		99.8%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 26, 2024

Date: Jul 29, 2024

Date: Jul 29, 2024

