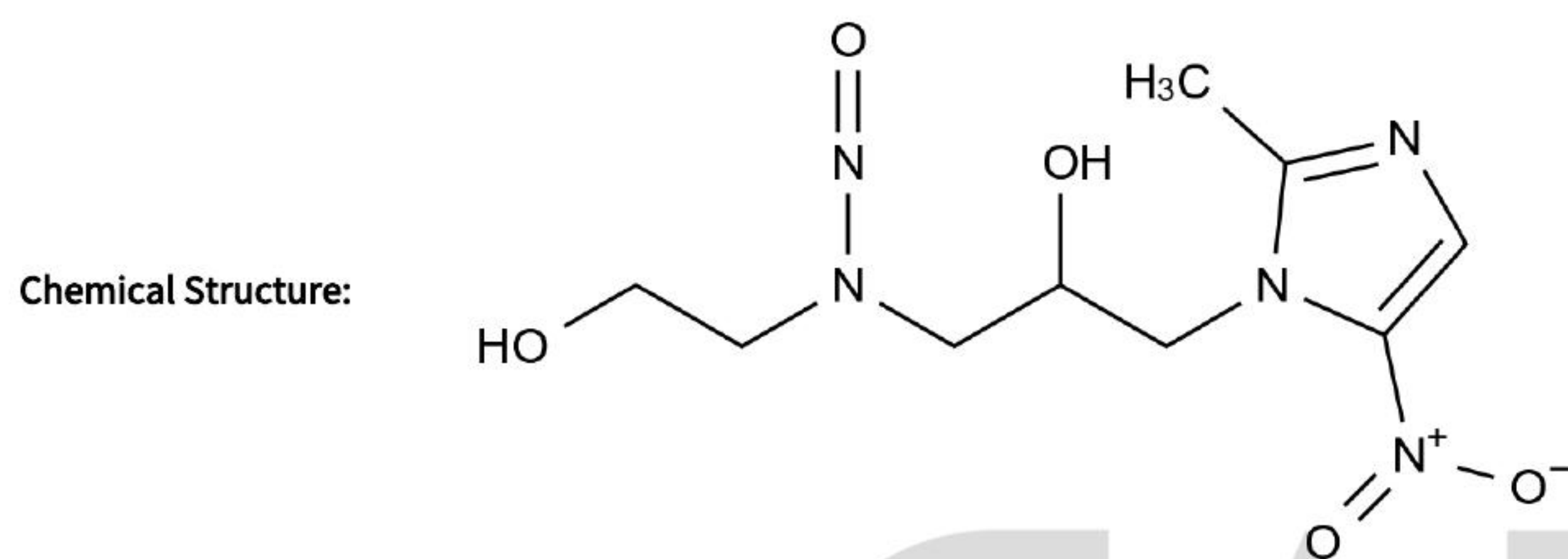


Certificate of Analysis

Reference Material & Standard

Product Name:	N-Nitroso Metronidazole Impurity 34	Catalogue Number:	C4X-140534
Synonyms:	N-(2-hydroxy-3-(2-methyl-5-nitro-1H-imidazol-1-yl)propyl)-N-(2-hydroxyethyl)nitrous amide	Lot Number:	1021-RG-0031
CAS Number:	N/A	Expiry Date:	Oct 23, 2029
Molecular Formula:	C ₉ H ₁₅ N ₅ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	273.25	Shipping Condition:	Shipping with Ice Packs



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.533%
Loss On Drying	TGA	0.3934%
Assay		98.1%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Oct 24, 2025

Date: Oct 24, 2025

Date: Oct 24, 2025



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