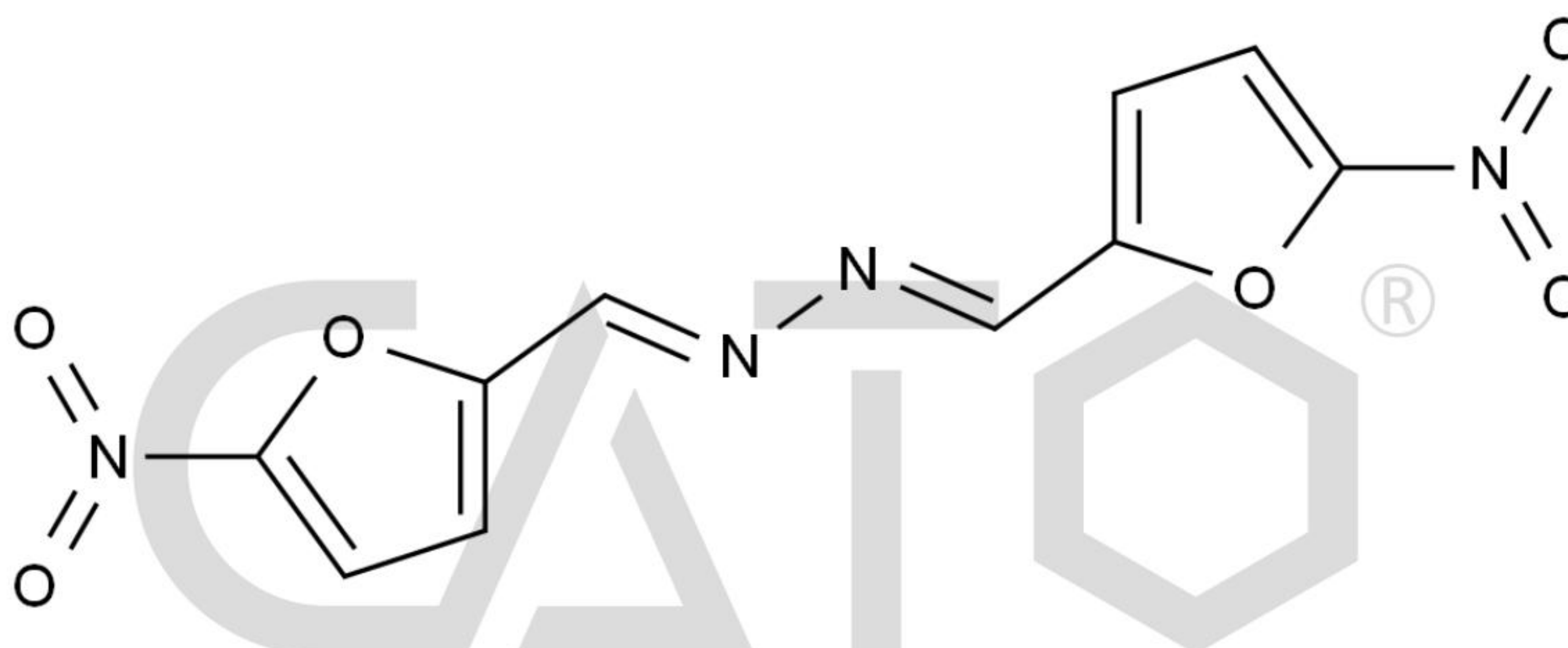


Certificate of Analysis

Reference Material & Standard

Product Name:	Nifuroxazide EP Impurity D	Catalogue Number:	C4X-21534
Synonyms:	N/A	Lot Number:	0509-RG-0007
CAS Number:	112537-96-9	Expiry Date:	May 12, 2029
Molecular Formula:	C ₁₀ H ₆ N ₄ O ₆	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	278.18	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.66%
Loss on Drying	TGA	0.0557%
Assay		99.6%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 13, 2025

Date: May 13, 2025

Date: May 13, 2025



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