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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

Product Name: Nifuroxazide EP Impurity D

Identification:

Chemical Name: (E,E)-N,N'-Bis[(5-nitrofuran-2-yl)methylidene]hydrazine (as per EP)

Synonyms : Nitrofurazone USP Related
Compound A ; 5-Nitrofurfural
azine (EP)

CAS Number : 112537-96-9

CAT Number : CP-N10004

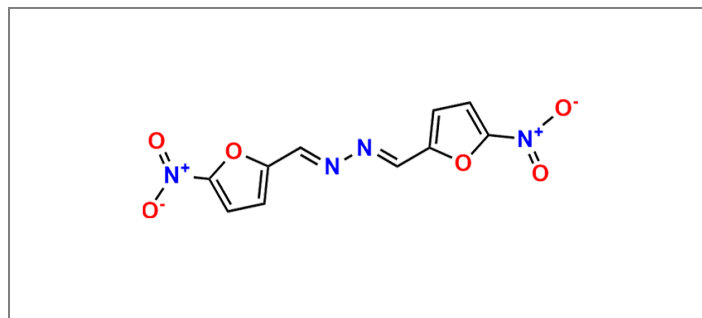
Molecular Formula : C₁₀H₆N₄O₆

Molecular Weight : 278.18

Batch Number : CP-NIF-D-0125

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is
mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Brown Solid
2)	Solubility	Soluble in Methanol / ACN
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.85%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.