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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

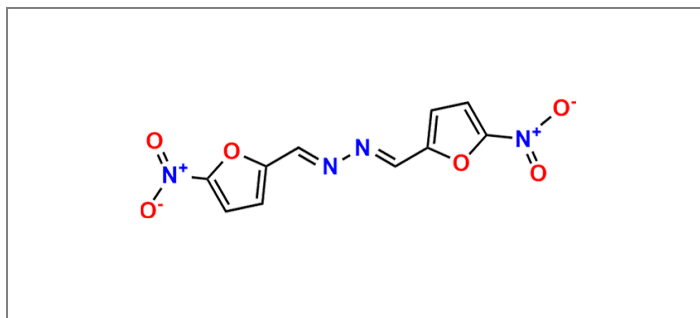
Molecular Formula : C₁₀H₆N₄O₆

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)	¹ HNMR	Confirm to structure



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

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