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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

Re-test Date: Sep 2027

Product Name: Nitrofurantoin Monohydrate

Identification:

Chemical Name: 1-(((5-Nitrofuran-2-yl)methylene)amino)imidazolidine-2,4-dione hydrate

Synonyms : NA

CAS Number : 17140-81-7

CAT Number : CP-N12009

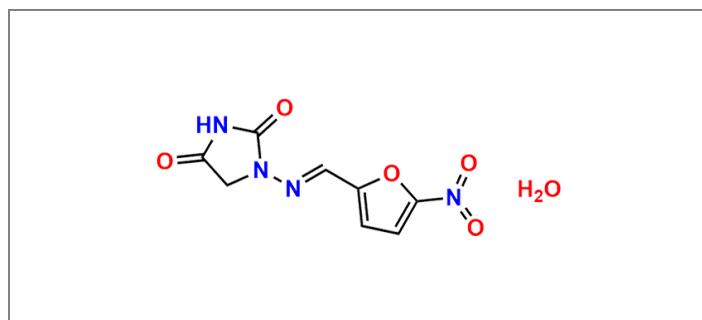
Molecular Formula : C₈H₆N₄O₅ : H₂O

Molecular Weight : 238.16 : 18.02

Batch Number : CP-NFT-MH-0924

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	Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.58%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.