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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

Product Name: Tinidazole EP Impurity A

Identification:

Chemical Name: 2-Methyl-5-nitro-1H-imidazole

Synonyms : Tinidazole USP Related
Compound A

CAS Number : 696-23-1

CAT Number : CP-T46001

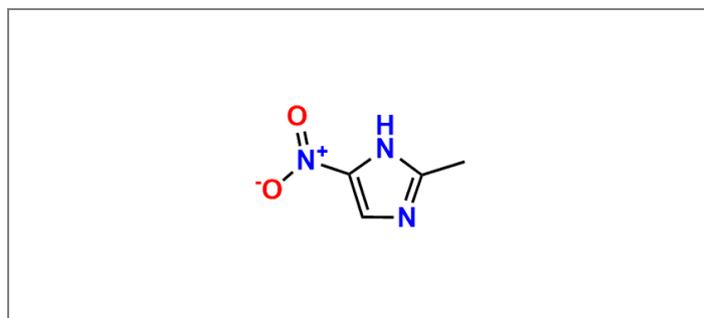
Molecular Formula : C₄H₅N₃O₂

Molecular Weight : 127.10

Batch Number : CP-MET-A-0723

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.14%
5)	¹ H NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



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.