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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2025

Re-test Date: Oct 2028

Product Name: Sulfamethoxazole EP Impurity C

Identification:

Chemical Name: 5-Methylisoxazol-3-amine

Synonyms : Sulfamethoxazole USP Related
Compound C

CAS Number : 1072-67-9

CAT Number : CP-S12003

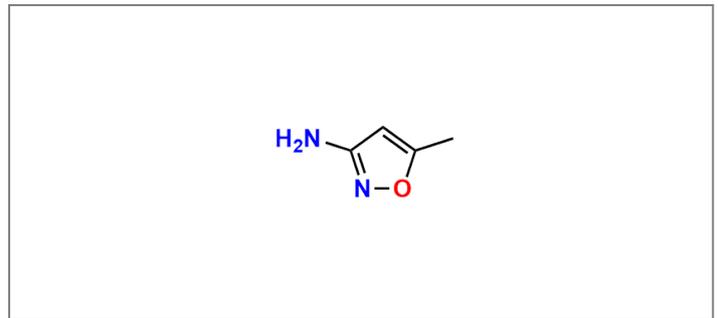
Molecular Formula : C₄H₆N₂O

Molecular Weight : 98.10

Batch Number : CP-SUL-C-1125

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 to Light Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.55%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	3.126%
7)	Potency by TGA	95.47%



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.