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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Jan 2028

Product Name: Caffeine EP Impurity E

Identification:

Chemical Name: N,1-Dimethyl-4-(methylamino)-1H-imidazole-5-carboxamide (as per EP)

Synonyms : Caffeidine

CAS Number : 20041-90-1

CAT Number : CP-C47005

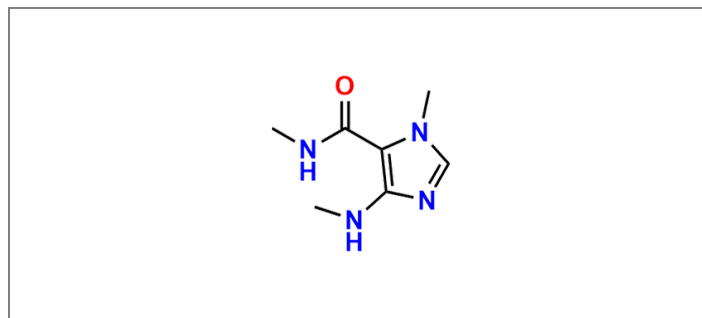
Molecular Formula : C₇H₁₂N₄O

Molecular Weight : 168.20

Batch Number : CP-CAF-E-0225

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 Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.19 %
5)	H1NMR	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.