Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
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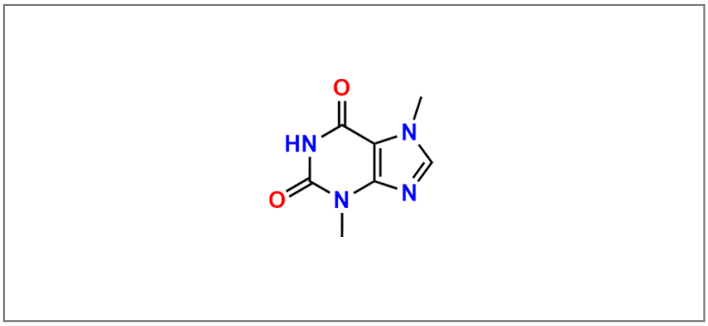
CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2026 Re-test Date: Oct 2029

Product Name: Caffeine EP Impurity D

Identification:

Chemical Name: 3,7-Dimethyl-3,7-dihydro-1H-purine-2,6-dione (as per EP)



Synonyms	:	Theobromine (EP) ; Caffeine USP Related Compound D
CAS Number	:	83-67-0
CAT Number	:	CP-C47004
Molecular Formula	:	C7H8N4O2
Molecular Weight	:	180.16
Batch Number	:	CP-CAP-D-1024
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	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	98.83%
5)	1HNMR	Confirm to structure
6)	Weight loss by TGA	0.078%
7)	Potency	98.75%

Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

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