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
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

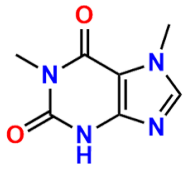
Analysis Date: Oct 2026 Re-test Date: Sep 2029

Product Name: Caffeine EP Impurity F

Identification:

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

Synonyms	:	Caffeine USP Related Compound F ; Paraxanthine
CAS Number	:	611-59-6
CAT Number	:	CP-C47006
Molecular Formula	:	C7H8N4O2
Molecular Weight	:	180.17
Batch Number	:	CP-CAF-F-1223
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 Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to Structure
4)	Purity By HPLC	99.96%
5)	1HNMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	FT-IR	Confirm to Structure
8)	Weight loss by TGA	0.19%
9)	Potency	99.77%

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.