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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2025

Re-test Date: Jul 2028

**Product Name: Dimenhydrinate EP Impurity E**

### Identification:

Chemical Name: 8-Chloro-1,3,7-trimethyl-3,7-dihydro-1H-purine-2,6-dione

Synonyms : 8-chlorocaffeine (EP) ;  
Dimenhydrinate USP Related  
Compound E

CAS Number : 4921-49-7

CAT Number : CP-D52005

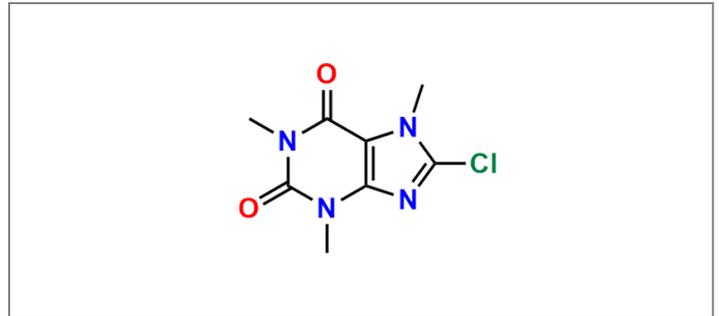
Molecular Formula : C<sub>8</sub>H<sub>9</sub>ClN<sub>4</sub>O<sub>2</sub>

Molecular Weight : 228.64

Batch Number : CP-34-68

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 By LCMS	Confirm to Structure
4)	Purity by HPLC	99.92%
5)	<sup>1</sup> HNMR	Confirm to Structure



### 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.