

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](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Aciclovir EP Impurity B**

### Identification:

Chemical Name: 2-amino-1,7-dihydro-6H-purin-6-one (as per EP)

Synonyms : Valaciclovir EP Impurity A ;  
Valaciclovir USP Related  
Compound A ; Guanine (EP &  
USP)

CAS Number : 73-40-5

CAT Number : CP-A8002

Molecular Formula : C<sub>5</sub>H<sub>5</sub>N<sub>5</sub>O

Molecular Weight : 151.13

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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	FT-IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency	-



#### 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.