

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: Imidacloprid EP impurity C**

### Identification:

Chemical Name: N-[2-[[5-[(2-Nitroamido-4,5-dihydro-1H-imidazol-1-yl)methyl]pyridin-2-yl]amino]ethyl]-N'-nitroguanidine (as per EP)

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-I54004  
Molecular Formula : C<sub>12</sub>H<sub>18</sub>N<sub>10</sub>O<sub>4</sub>  
Molecular Weight : 366.3



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> H NMR	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.