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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2024

Re-test Date: Apr 2027

**Product Name: Diclofenac EP Impurity F**

### Identification:

Chemical Name: N-(4-Chlorophenyl)-2-(2,6-dichlorophenyl)acetamide

Synonyms : Diclofenac USP Related  
Compound F

CAS Number : 560075-65-2

CAT Number : CP-D20006

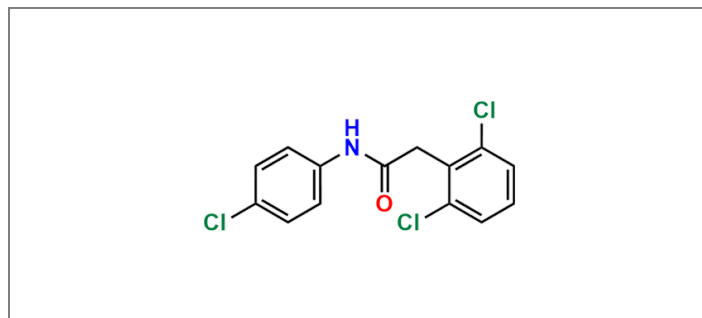
Molecular Formula : C<sub>14</sub>H<sub>10</sub>Cl<sub>3</sub>NO

Molecular Weight : 314.59

Batch Number : CHEM-DIC-F

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 By LCMS	Confirm to structure
4)	Purity By HPLC	99.95%
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.