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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 ; Diclofenac
Acetamide (USP)

CAS Number : 560075-65-2

CAT Number : CP-D20006

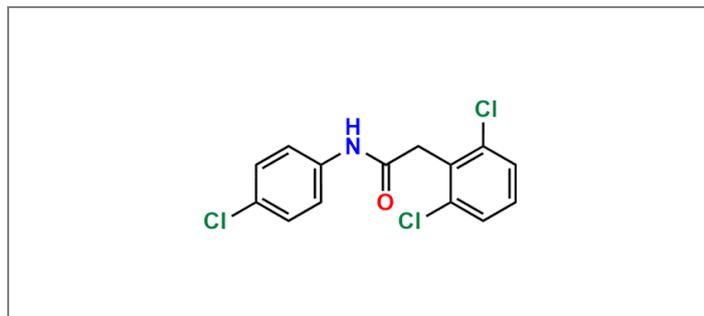
Molecular Formula : C₁₄H₁₀Cl₃NO

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	99.39%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.293%
9)	Potency by TGA	99.10%



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.