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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2024

Re-test Date: Apr 2027

**Product Name: Diclofenac EP Impurity E**

### Identification:

Chemical Name: 1,3-dihydro-2H-indol-2-one

Synonyms : Diclofenac USP Related  
Compound E

CAS Number : 59-48-3

CAT Number : CP-D20005

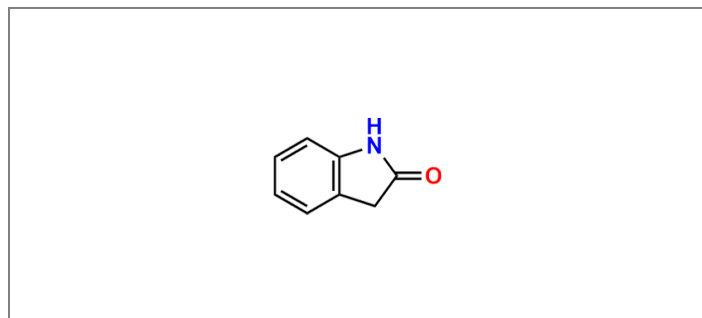
Molecular Formula : C<sub>8</sub>H<sub>7</sub>NO

Molecular Weight : 133.15

Batch Number : CHEM-DIC-E

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	Pale yellow to yellow solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.62 %
5)	H1NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.26 %
8)	Potency by TGA	99.36 %



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.