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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024

Re-test Date: Feb 2027

**Product Name: Chlortalidone EP Impurity E**

### Identification:

Chemical Name: 2-Chloro-5-(3-oxo-1-isoindolinyl)benzenesulfonamide

Synonyms : Chlortalidone Deshydroxy  
Impurity

CAS Number : 82875-49-8

CAT Number : CP-C20005

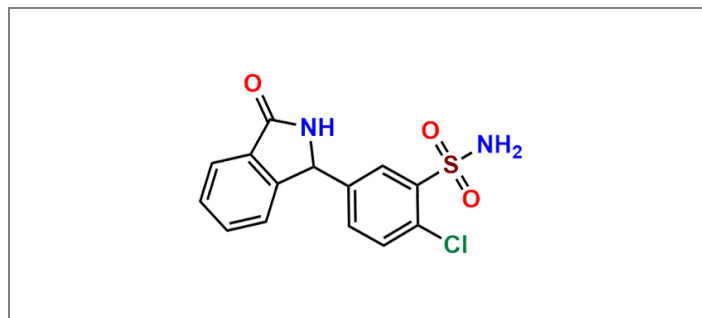
Molecular Formula : C<sub>14</sub>H<sub>11</sub>ClN<sub>2</sub>O<sub>3</sub>S

Molecular Weight : 322.76

Batch Number : CP-CHL-E-0324

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 Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.04%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.011%
8)	Potency by TGA	99.03%



**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.