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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2024

Re-test Date: Dec 2026

**Product Name: Chlortalidone EP impurity G**

### Identification:

Chemical Name: (3RS)-3-(3,4-Dichlorophenyl)-3hydroxy-2,3-dihydro-1H-isindol-1-one

Synonyms : Chlortalidone Dichloro Impurity

CAS Number : 16289-13-7

CAT Number : CP-C20007

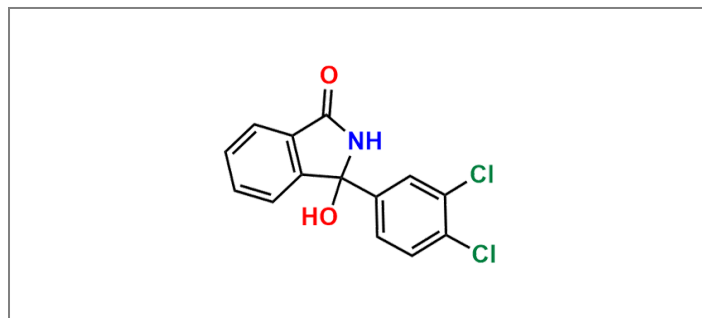
Molecular Formula : C<sub>14</sub>H<sub>9</sub>Cl<sub>2</sub>N<sub>2</sub>O

Molecular Weight : 294.13

Batch Number : CHEM-CHL-OCG

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	99.93%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.12%
8)	Potency by TGA	99.81%



**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.