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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

Product Name: Chlorthalidone EP Impurity H

Identification:

Chemical Name: 2-Chloro-5[(1R)-1-(1-methylethoxy)-3-oxo-2,3-dihydro-1H-isoindol-1-yl] benzenesulfonamide

Synonyms : Chlorthalidone Isopropyl Ether ;
O-Isopropyl Chlorthalidone

CAS Number : 2200280-98-2

CAT Number : CP-C20008

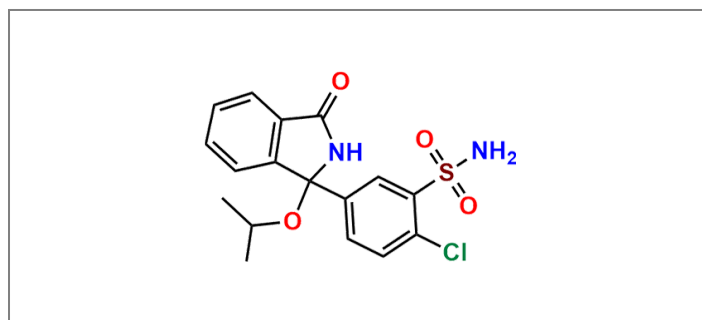
Molecular Formula : C₁₇H₁₇ClN₂O₄S

Molecular Weight : 380.84

Batch Number : CHEM-CHL-H

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	97.77%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	0.99%
9)	Potency by TGA	96.80%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

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