

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: May 2023

Re-test Date: Apr 2026

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

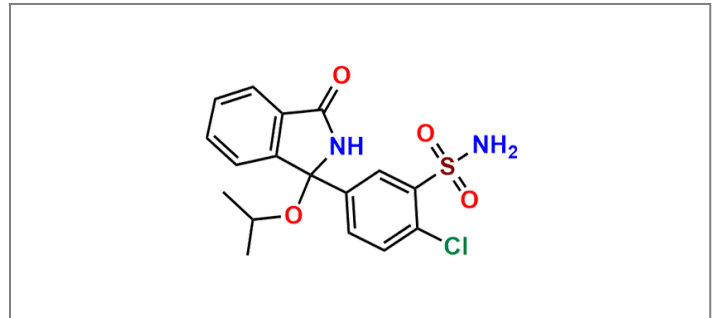
Molecular Formula : C₁₇H₁₇ClN₂O₄S

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 Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.01%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.99%
8)	Potency by TGA	97.02%



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.