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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2023

Re-test Date: Mar 2026

**Product Name: Chlortalidone EP Impurity B**

### Identification:

Chemical Name: 2-(4-chloro-3-sulfamoylbenzoyl)benzoic acid

Synonyms : Chlortalidone USP Related  
Compound A ; Chlortalidone  
Acid

CAS Number : 5270-74-6

CAT Number : CP-C20002

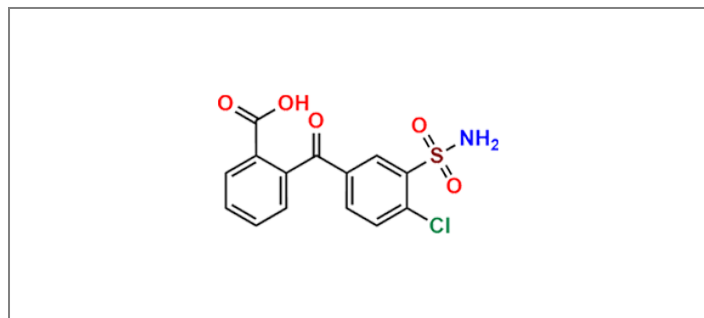
Molecular Formula : C<sub>14</sub>H<sub>10</sub>ClNO<sub>5</sub>S

Molecular Weight : 339.75

Batch Number : CHEM-CHL-B

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	99.68%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.277%
8)	Potency by TGA	99.4%



**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.