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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2023

Re-test Date: Jun 2026

**Product Name: Chlorothiazide**

### Identification:

Chemical Name: 6-Chloro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide

Synonyms : Hydrochlorothiazide EP Impurity  
A

CAS Number : 58-94-6

CAT Number : CP-1121005

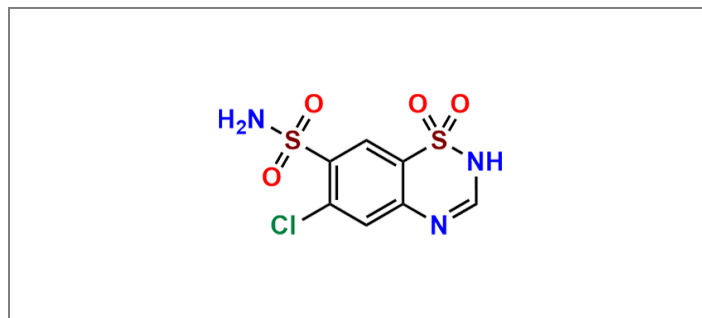
Molecular Formula : C<sub>7</sub>H<sub>6</sub>ClN<sub>3</sub>O<sub>4</sub>S<sub>2</sub>

Molecular Weight : 295.71

Batch Number : CP-CHL-IN-0723

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	99.87%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.553%
8)	Potency by TGA	99.31%



**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.