

CERTIFICATE OF ANALYSIS

(Certificate No. KMH003002-01)

Release Date: 17/07/2024

Re-test Date: 16/07/2027

5-Chloro Hydrochlorothiazide

Identification

Chemical Name :

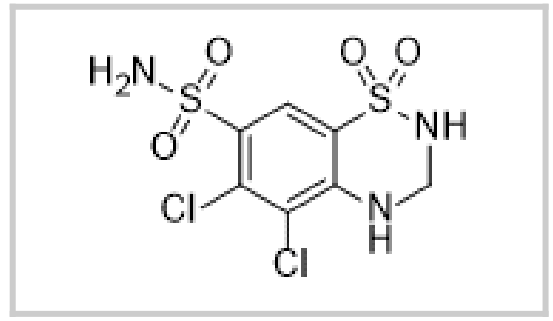
5,6-dichloro-3,4-dihydro-2H-benzo[e][1,2,4]thiadiazine-7-sulfonamide 1,1-dioxide

CAT No. : KMH003002

CAS No. : 5233-42-1

Molecular Formula : C₇H₇Cl₂N₃O₄S₂

Molecular Weight : 332.18



Analytical Information

Batch No. : HYD-5-CHLORO-073-298

Solubility : Methanol

Description : Off White Solid

Mass : Confirm

HPLC Purity : 94.48 %

IR : Confirm

Weight Loss By TGA : 0.11 %

¹H NMR : Confirm

% Potency : 94.38 %

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 0.11(Weight Loss By TGA)] x [94.48(HPLC Purity)]/100 = 94.38 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/07/2024
Reviewed & Approved By	Quality Control	Jatin Patel		17/07/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA