CERTIFICATE OF ANALYSIS

(Certificate No. KMH003002-01)

Release Date: 17/07/2024 **Re-test Date:** 16/07/2027

5-Chloro Hydrochlorothiazide

Identification

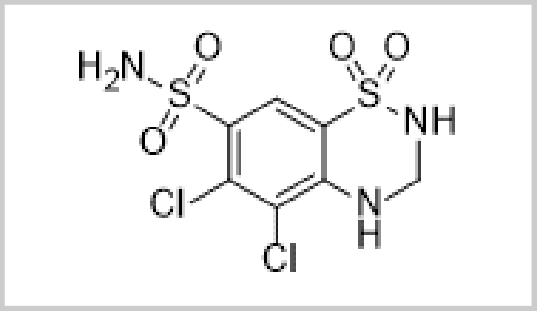
Chemical Name :
5,6-dichloro-3,4-dihydro-2H-benzo[e][1,2,4]thiadiazine-7-sulfonamide 1,1-dioxide

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		30/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		30/05/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA