CERTIFICATE OF ANALYSIS

(Certificate No. KMH003007-02)

Release Date: 05/11/2026 **Re-test Date:** 04/11/2029

Hydrochlorothiazide Standard

Identification

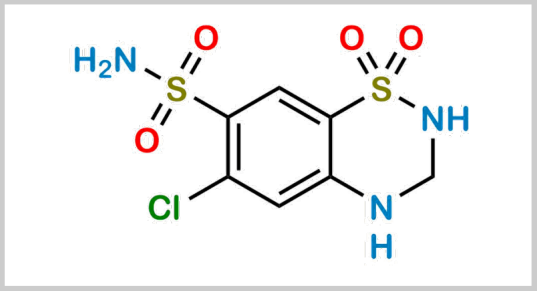
Chemical Name :
6-Chloro-3,4-dihydro-2H-benzo[e][1,2,4]thiadiazine-7-sulfonamide 1,1-dioxide

CAT No. : KMH003007

CAS No. : 58-93-5

Molecular Formula : C7H8ClN3O4S2

Molecular Weight : 297.7



Analytical Information

Batch No.	: H003007-136-335	**Solubility**	: ACN : Water (1:1)
Description	: White Soild	**Mass**	: Confirm
HPLC Purity	: 99.18 %	**IR**	: Confirm
Weight Loss By TGA	: 0.28 %	**1H NMR**	: Confirm
% Potency	: 98.9 %	**13C NMR**	: Confirm

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 - 0.28(Weight Loss By TGA)] x [99.18(HPLC Purity)]/100 = 98.9 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		05/11/2026
Reviewed & Approved By	Quality Control	Jatin Patel		05/11/2026

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA