

CERTIFICATE OF ANALYSIS

(Certificate No. KMH003012-01)

Release Date: 21/07/2023

Re-test Date: 20/07/2026

Hydrochlorothiazide EP Impurity C

Identification

Chemical Name :

6-Chloro-N-[(6-chloro-7-sulfamoyl-2,3-dihydro-4H-1,2,4-benzothiadiazin-4-yl 1,1-dioxide)methyl]-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide ;

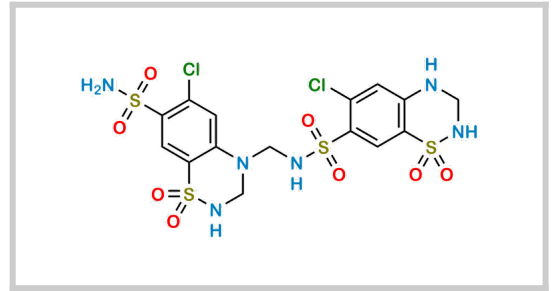
Alt. Name : Hydrochlorothiazide Dimer

CAT No. : KMH003012

CAS No. : 402824-96-8

Molecular Formula : C₁₅H₁₆Cl₂N₆O₈S₄

Molecular Weight : 607.5



Analytical Information

Batch No. : HYD-DIMER-019-156

Description : White Solid

HPLC Purity : 94.28 %

Weight Loss By TGA : 0.35 %

% Potency : 93.95 %

Solubility : DMSO

Mass : Confirm

IR : Confirm

¹H 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 - 0.35(Weight Loss By TGA)] x [94.28(HPLC Purity)]/100 = 93.95 %

Remarks : COA Re-generated on 14.11.2024

-Re-tested on 21.07.2023

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/11/2024

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