## **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:**

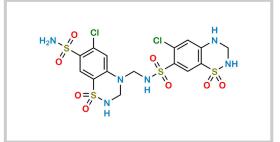
6-Chloro-N-[(6-chloro-7-sulfamoyl-2,3-dihydro-4H-1,2,4-benzothiadiazin-4-yl 1,1-dioxide)methyl]-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide;

**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 **Solubility** : DMSO **Description** : White Solid **Mass** : Confirm **HPLC Purity** : 94.28 % IR : Confirm Weight Loss By TGA : 0.35 % 1H NMR : Confirm

**% Potency** : 93.95 %

## **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