## **CERTIFICATE OF ANALYSIS**

(Certificate No. KMH003011-02)

**Release Date:** 05/07/2025 **Re-test Date:** 04/07/2028

# **Hydrochlorothiazide Impurity B**

#### **Identification**

**Chemical Name:** 

4-Amino-6-chlorobenzene-1,3-disulfonamide

**Alt. Name** : Hydrochlorothiazide USP RC A ;

Salamide

**CAT No.** : KMH003011

**CAS No.** : 121-30-2

Molecular Formula : C6H8ClN3O4S2

**Molecular Weight** : 285.7



### **Analytical Information**

**Description** : White Solid Mass : Confirm **HPLC Purity** : 99.91 % IR : Confirm Weight Loss By TGA : 0.07 % 1H NMR : Confirm % Potency : 99.84 % **13C NMR** : Confirm

#### **Additional Information**

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

 $\textbf{Shipping Condition} \qquad : \textbf{Product is stable to be Shipped at Room Temperature}$ 

**Potency** = [100 - 0.07(Weight Loss By TGA)] x [99.91(HPLC Purity)]/100 = 99.84 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Payal Kapuriya		09/07/2025
Reviewed & Approved By	Quality Control	Viraj Akabari		09/07/2025

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