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;

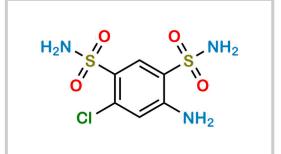
Salamide

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

Shipping Condition: 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