

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

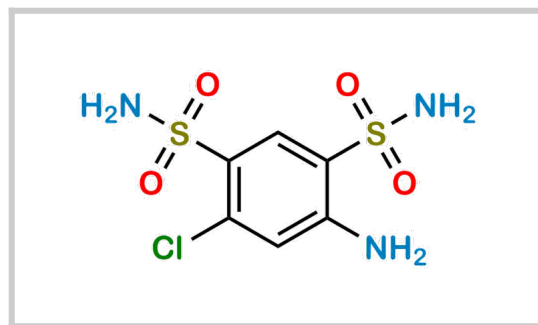
Alt. Name : Hydrochlorothiazide USP RC A ;
Salamide

CAT No. : KMH003011

CAS No. : 121-30-2

Molecular Formula : C₆H₈ClN₃O₄S₂

Molecular Weight : 285.7



Analytical Information

Batch No. : H003011-102-115

Description : White Solid

HPLC Purity : 99.91 %

Weight Loss By TGA : 0.07 %

% Potency : 99.84 %

Solubility : ACN : Water (1:1)

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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