

CERTIFICATE OF ANALYSIS

(Certificate No. KMH003011-01)

Release Date: 12/06/2024

Re-test Date: 11/06/2027

Hydrochlorothiazide EP Impurity B

Identification

Chemical Name :

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

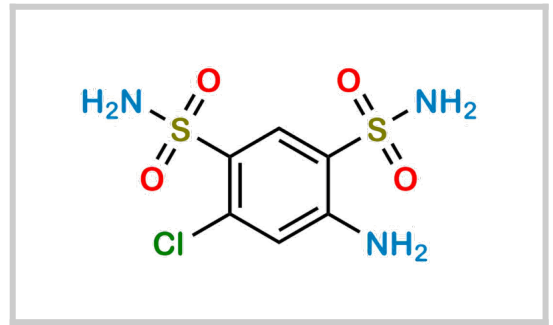
Alt. Name : Hydrochlorothiazide USP RC A ;
Salamide

CAT No. : KMH003011

CAS No. : 121-30-2

Molecular Formula : C₆H₈ClN₃O₄S₂

Molecular Weight : 285.7



Analytical Information

Batch No. : HYD-CHLOR-IMP-B-019-209

Description : Off White Solid

HPLC Purity : 99.70 %

Weight Loss By TGA : 0.83 %

% Potency : 98.87 %

Solubility : Methanol

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 - 0.83(Weight Loss By TGA)] x [99.70(HPLC Purity)]/100 = 98.87 %
-Re-tested on 12.06.2024

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, ¹H NMR, IR and TGA