CERTIFICATE OF ANALYSIS

(Certificate No. KMH003011-02)

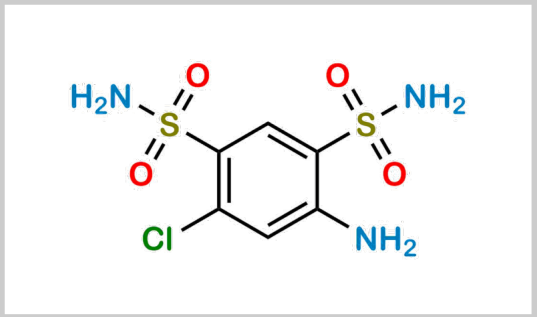
Release Date: 05/07/2025 **Re-test Date:** 04/07/2028

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	**Solubility**	: ACN : Water (1:1)
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