

CERTIFICATE OF ANALYSIS

(Certificate No. KMH003001-01)

Release Date: 14/02/2025

Re-test Date: 13/02/2028

4-Nitroso Hydrochlorothiazide

Identification

Chemical Name :

6-chloro-4-nitroso-3,4-dihydro-2H-benzo[e][1,2,4]thiadiazine-7-sulfonamide 1,1-dioxide

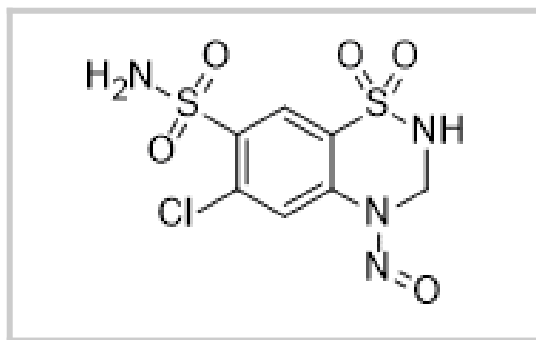
Alt. Name : 4-Nitroso Hydrochlorothiazide

CAT No. : KMH003001

CAS No. : 63779-86-2

Molecular Formula : C₇H₇ClN₄O₅S₂

Molecular Weight : 326.74



Analytical Information

Batch No. : HYD-N-NO-045-246

Solubility : ACN

Description : Light Orange Solid

Mass : Confirm

HPLC Purity : 99.81 %

IR : Confirm

Weight Loss By TGA : 1.30 %

¹H NMR : Confirm

% Potency : 98.51 %

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 - 1.30(Weight Loss By TGA)] x [99.81(HPLC Purity)]/100 = 98.51 %

-Re-purified and re-tested on 14.02.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		17/02/2025

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA