CERTIFICATE OF ANALYSIS

(Certificate No. KMH003001-02)

Release Date: 20/08/2026 **Re-test Date:** 19/08/2029

N-Nitroso Hydrochlorothiazide

Identification

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

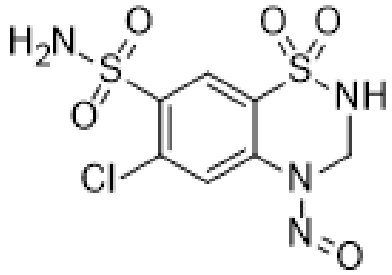
Alt. Name : 4-Nitroso Hydrochlorothiazide

CAT No. : KMH003001

CAS No. : 63779-86-2

Molecular Formula : C7H7ClN4O5S2

Molecular Weight : 326.74



Analytical Information

Batch No. : H003001-136-165

Description : Off White Solid

HPLC Purity : 99.14 %

Weight Loss By TGA : 0.16 %

% Potency : 98.98 %

Solubility : Acetonitrile

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 - 0.16(Weight Loss By TGA)] x [99.14(HPLC Purity)]/100 = 98.98 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/08/2026
Reviewed & Approved By	Quality Control	Jatin Patel		20/08/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA