

# CERTIFICATE OF ANALYSIS

(Certificate No. KMH003001-01)

Release Date: 14/02/2025

Re-test Date: 13/02/2028

## 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

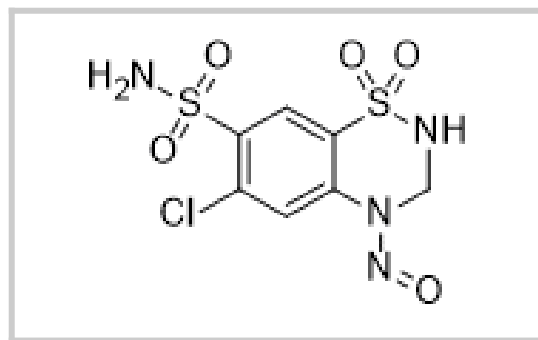
**Alt. Name** : 4-Nitroso Hydrochlorothiazide

**CAT No.** : KMH003001

**CAS No.** : 63779-86-2

**Molecular Formula** : C<sub>7</sub>H<sub>7</sub>ClN<sub>4</sub>O<sub>5</sub>S<sub>2</sub>

**Molecular Weight** : 326.74



### Analytical Information

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

**Solubility** : Acetonitrile

**Description** : Light Orange Solid

**Mass** : Confirm

**HPLC Purity** : 99.81 %

**IR** : Confirm

**Weight Loss By TGA** : 1.30 %

**<sup>1</sup>H 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		07/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		07/07/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA