

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMI001048-01)

**Release Date:** 08/01/2025

**Re-test Date:** 07/01/2028

## **3-Nitrosothiazolidine**

### **Identification**

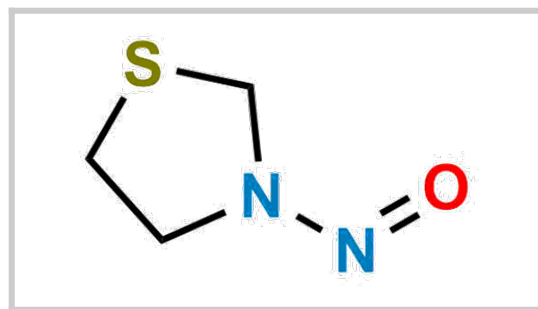
**Chemical Name :**  
N-Nitroso-thiazolidine

**CAT No.** : KMI001048

**CAS No.** : 73870-33-4

**Molecular Formula** : C<sub>3</sub>H<sub>6</sub>N<sub>2</sub>OS

**Molecular Weight** : 118.2



### **Analytical Information**

**Batch No.** : NTHZ-019-379

**Description** : Yellow Liquid

**HPLC Purity** : 99.93 %

**Weight Loss By TGA** : 1.07 %

**% Potency** : 98.86 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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 - 1.07(Weight Loss By TGA)] x [99.93(HPLC Purity)]/100 = 98.86 %  
-Re-tested on 08.01.2025

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		09/01/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR IR and TGA