

# CERTIFICATE OF ANALYSIS

(Certificate No. KMI014001-01)

Release Date: 03/11/2022

Re-test Date: 02/11/2025

## Nitroso Isonipicotic acid

### Identification

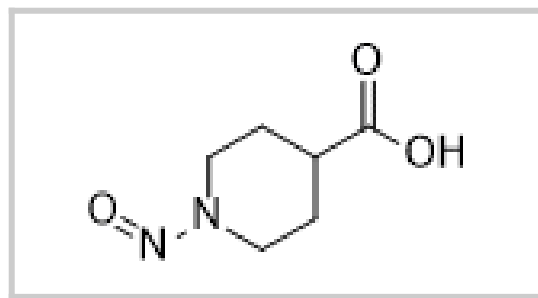
**Chemical Name :**  
1-nitrosopiperidine-4-carboxylic acid

**CAT No.** : KMI014001

**CAS No.** : Not Available

**Molecular Formula** : C<sub>6</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>

**Molecular Weight** : 158.16



### Analytical Information

**Batch No.** : ISON-N-NO-030-315

**Description** : White Solid

**HPLC Purity** : 99.87 %

**Weight Loss By TGA** : 0.02 %

**% Potency** : 99.85 %

**Solubility** : ACN

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H 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 - 0.02(Weight Loss By TGA)] x [99.87(HPLC Purity)]/100 = 99.85 %  
-TGA analysis added on 01.04.2024

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		01/04/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		01/04/2024

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