

# CERTIFICATE OF ANALYSIS

(Certificate No. KMI005001-01)

Release Date: 07/06/2024

Re-test Date: 06/06/2027

## N-Nitroso Isoproterenol

### Identification

**Chemical Name :**

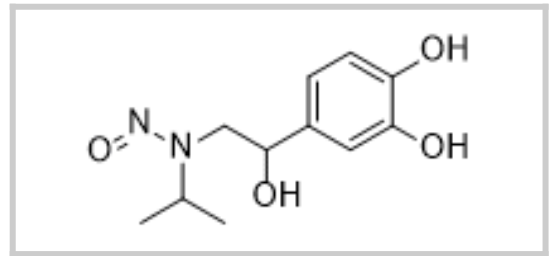
(+)(-)-N-(2-(3,4-dihydroxyphenyl)-2-hydroxyethyl)-N-isopropyl nitrous amide

**CAT No.** : KMI005001

**CAS No.** : Not Available

**Molecular Formula** : C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>

**Molecular Weight** : 240.26



### Analytical Information

**Batch No.** : ISO-N-NO-073-247

**Description** : Light Brown Solid

**HPLC Purity** : 98.21 %

**Weight Loss By TGA** : 1.50 %

**% Potency** : 96.74 %

**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 - 1.50(Weight Loss By TGA)] x [98.21(HPLC Purity)]/100 = 96.74 %

\* % potency corrected on 28.06.2025

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		28/06/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA