# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMA070004-01)

**Release Date:** 31/10/2025 **Re-test Date:** 30/10/2028

## **Adrenalone Nitroso Impurity 1**

### **Identification**

#### **Chemical Name:**

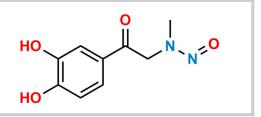
N-(2-(3,4-Dihydroxyphenyl)-2-oxoethyl)-N-methylnitrous amide (Mixture of E/Z Isomers)

**CAT No.** : KMA070004

**CAS No.** : Not Available

Molecular Formula : C9H10N2O4

**Molecular Weight** : 210.2



## **Analytical Information**

Batch No. **Solubility** : A070004-102-359 : Acetonitrile **Description** : Off White Solid Mass : Confirm **HPLC Purity** : 99.15 % IR : Confirm Weight Loss By TGA 1H NMR : Confirm : 1.11 % % Potency : 98.05 % **13C 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 - 1.11(Weight Loss By TGA)] x [99.15(HPLC Purity)]/100 = 98.05 %

-Mixture of Isomer

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		31/10/2025

Attachments : COA, HPLC, 1HNMR, 13CNMR, IR and TGA