CERTIFICATE OF ANALYSIS

(Certificate No. KMA069017-01)

Release Date: 08/11/2025 **Re-test Date:** 07/11/2028

N-Nitroso Adrenaline EP Impurity F

Identification

Chemical Name:

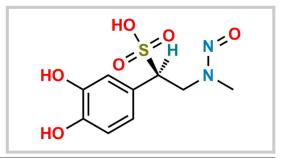
(R)-1-(3,4-Dihydroxyphenyl)-2-(methyl(nitroso)amino)ethane-1-sulfonic acid (Mixture of E/Z Isomer)

CAT No. : KMA069017

CAS No. : Not Available

Molecular Formula : C9H12N2O6S

Molecular Weight : 276.3



Analytical Information

Batch No. : A069017-102-366 **Solubility** : Water **Description** : Brown Hygroscopic Solid **Mass** : Confirm **HPLC Purity** : 98.94 % IR : Confirm Weight Loss By TGA 1H NMR : Confirm : 1.61 % % Potency : 97.35 % **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 - 1.61(Weight Loss By TGA)] x [98.94(HPLC Purity)]/100 = 97.35 %

-Mixture of Isomers

Recommendation: Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 08/11/2025 |
| Reviewed & Approved By | Quality Control | Parag Patel | | 08/11/2025 |

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