

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 :

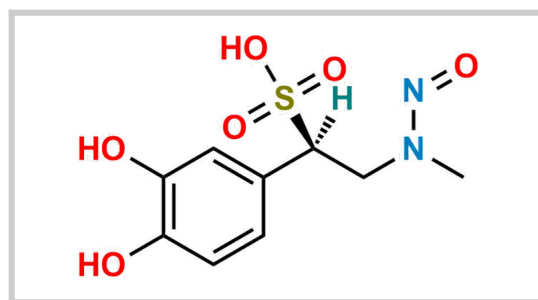
(R)-1-(3,4-Dihydroxyphenyl)-2-(methyl(nitroso)amino)ethane-1-sulfonic acid (Mixture of E/Z Isomer)

CAT No. : KMA069017

CAS No. : Not Available

Molecular Formula : C₉H₁₂N₂O₆S

Molecular Weight : 276.3



Analytical Information

Batch No. : A069017-102-366

Description : Brown Hygroscopic Solid

HPLC Purity : 98.94 %

Weight Loss By TGA : 1.61 %

% Potency : 97.35 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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