

CERTIFICATE OF ANALYSIS

(Certificate No. KME002001-01)

Release Date: 29/02/2024

Re-test Date: 28/02/2027

Epinephrine Sulfonic Acid

Identification

Chemical Name :

1-(3,4-dihydroxyphenyl)-2-(methylamino)ethanesulfonic acid

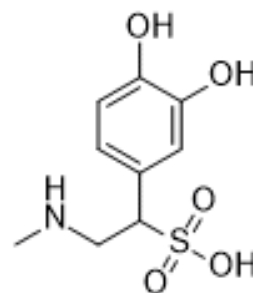
Alt. Name : Adrenaline EP Impurity F; Adrenaline Sulfonic Acid (USP)

CAT No. : KME002001

CAS No. : 26405-77-6

Molecular Formula : C₉H₁₃NO₅S

Molecular Weight : 247.27



Analytical Information

Batch No. : EPI-SUL-073-100

Solubility : Water

Description : Off White Solid

Mass : Confirm

HPLC Purity : 97.75 %

IR : Confirm

Weight Loss By TGA : 2.72 %

¹H NMR : Confirm

% Potency : 95.09 %

¹³C NMR : Confirm

Additional Information

Long Term Storage : Store at Room Temperature

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 2.72(Weight Loss By TGA)] x [97.75(HPLC Purity)]/100 = 95.09 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		29/02/2024
Reviewed & Approved By	Quality Control	Jatin Patel		29/02/2024

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