

# 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

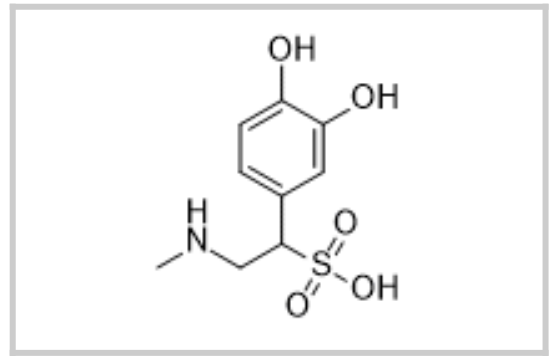
**Alt. Name** : Adrenaline EP Impurity F; Adrenaline Sulfonic Acid (USP)

**CAT No.** : KME002001

**CAS No.** : 26405-77-6

**Molecular Formula** : C<sub>9</sub>H<sub>13</sub>NO<sub>5</sub>S

**Molecular Weight** : 247.27



### Analytical Information

**Batch No.** : EPI-SUL-073-100

**Description** : Off White Solid

**HPLC Purity** : 97.75 %

**Weight Loss By TGA** : 2.72 %

**% Potency** : 95.09 %

**Solubility** : Water

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA