

# CERTIFICATE OF ANALYSIS

(Certificate No. KME002023-01)

Release Date: 08/04/2026

Re-test Date: 07/04/2029

## EPINEPHRINE IMPURITY RRT 0.85

### Identification

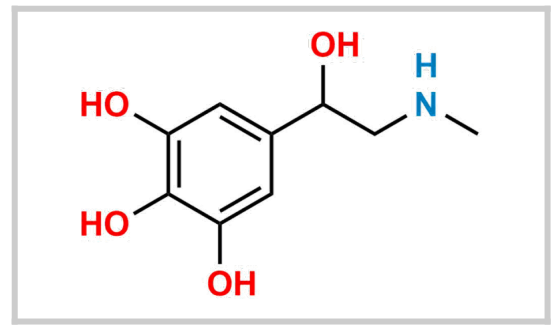
**Chemical Name :**  
5-(1-Hydroxy-2-(methylamino)ethyl)benzene-1,2,3-triol

**CAT No.** : KME002023

**CAS No.** : 73917-92-7

**Molecular Formula** : C<sub>9</sub>H<sub>13</sub>NO<sub>4</sub>

**Molecular Weight** : 199.2



### Analytical Information

**Batch No.** : E002023-114-244

**Description** : Off White Solid

**HPLC Purity** : 98.98 %

**Weight Loss By TGA** : 1.08 %

**% Potency** : 97.91 %

**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 2-8 deg. C for long term storage

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

**% Potency** = [100 - 1.08(Weight Loss By TGA)] x [98.98(HPLC Purity)]/100 = 97.91 %

Solubility: 1 mg impurity to be dissolved in 1 mL water (inject freshly prepared sample)

Instruction for sample preparation: Shake well; do not sonicate

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		08/04/2026

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA