

# CERTIFICATE OF ANALYSIS

(Certificate No. KME002002-01)

Release Date: 01/03/2024

Re-test Date: 28/02/2027

## D-Epinephrine

### Identification

**Chemical Name :**  
(S)-4-(1-hydroxy-2-(methylamino)ethyl)benzene-1,2-diol

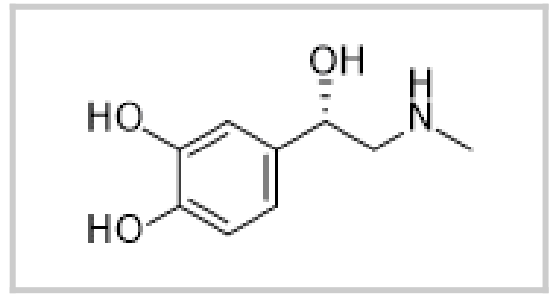
**Alt. Name** : D-Adrenaline

**CAT No.** : KME002002

**CAS No.** : 150-05-0

**Molecular Formula** : C9H13NO3

**Molecular Weight** : 183.20



### Analytical Information

**Batch No.** : EPI-D-073-104

**Description** : Light Grey Solid

**HPLC Purity** : 99.09 %

**Weight Loss By TGA** : 0.20 %

**% Potency** : 98.89 %

**Solubility** : Refer Additional information

**Mass** : Confirm

**IR** : Confirm

**1H NMR** : Confirm

**13C NMR** : Confirm

### Additional Information

**Long Term Storage** : Store at Room Temperature

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

**% Potency** =  $[100 - 0.20(\text{Weight Loss By TGA})] \times [99.09(\text{HPLC Purity})]/100 = 98.89 \%$

Note: Please use Freshly prepared solution

Solubility : Water : 1N HCl (1mg in 0.1 ml water and 0.06ml 1N HCl)

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		01/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		01/03/2024

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