# 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

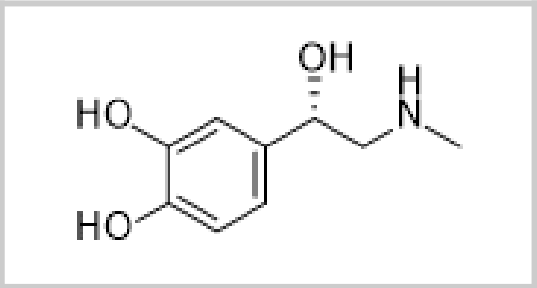
**Alt. Name** : D-Adrenaline

**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(Weight Loss By TGA)] x [99.09(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