

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA069016-01)

Release Date: 18/11/2024

Re-test Date: 17/11/2027

## DL-NOREPINEPHRINE

### Identification

**Chemical Name :**

4-(2-Amino-1-hydroxyethyl)benzene-1,2-diol

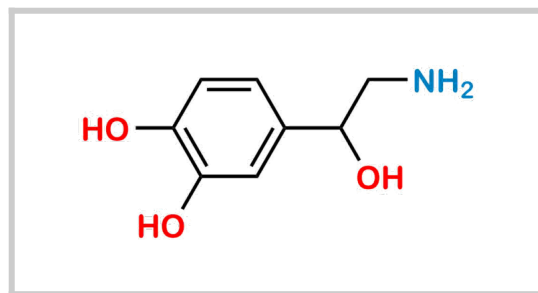
**Alt. Name** : (±)-Noradrenaline

**CAT No.** : KMA069016

**CAS No.** : 138-65-8

**Molecular Formula** : C<sub>8</sub>H<sub>11</sub>NO<sub>3</sub>

**Molecular Weight** : 169.2



### Analytical Information

**Batch No.** : A069016-091-036

**Solubility** : DMSO

**Description** : Brown Solid

**Mass** : Confirm

**HPLC Purity** : 98.61 %

**IR** : Confirm

**Weight Loss By TGA** : 0.18 %

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

**% Potency** : 98.43 %

### 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 - 0.18(Weight Loss By TGA)] x [98.61(HPLC Purity)]/100 = 98.43 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/11/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA