

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date:

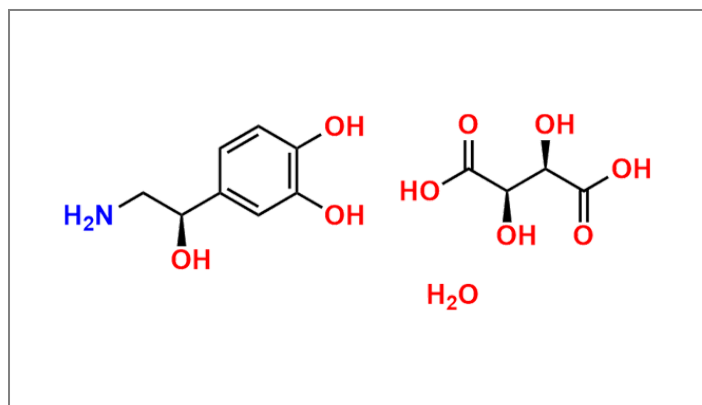
Re-test Date:

**Product Name: Norepinephrine Tartrate Monohydrate**

### Identification:

Chemical Name: (R)-4-(2-Amino-1-hydroxyethyl)benzene-1,2-diol (2R,3R)-2,3-dihydroxysuccinate hydrate

Synonyms : L-Noradrenaline bitartrate monohydrate  
CAS Number : 108341-18-0  
CAT Number : CP-N29016  
Molecular Formula : C<sub>8</sub>H<sub>11</sub>NO<sub>3</sub> : C<sub>4</sub>H<sub>6</sub>O<sub>6</sub> : H<sub>2</sub>O  
Molecular Weight : 169.18 : 150.09 : 18.02



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**



Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.