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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Jan 2028

**Product Name: Phenylephrine Citrate Adduct**

### Identification:

Chemical Name: 2-hydroxy-2-(2-(((R)-2-hydroxy-2-(3-hydroxyphenyl)ethyl)(methyl)amino)-2-oxoethyl) succinic acid

Synonyms : NA

CAS Number : NA

CAT Number : CP-P12114

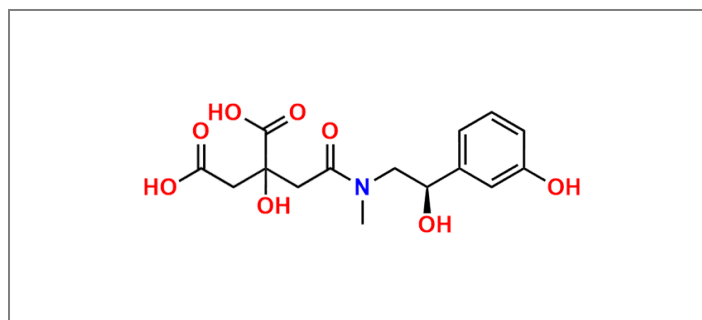
Molecular Formula : C<sub>15</sub>H<sub>19</sub>NO<sub>8</sub>

Molecular Weight : 341.32

Batch Number : CP-PHE-CIT-0225

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

| Sr. No. | Test           | Result                   |
|---------|----------------|--------------------------|
| 1)      | Description    | White Hygroscopic Solid  |
| 2)      | Solubility     | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS   | Confirm to structure     |
| 4)      | Purity By HPLC | 94.82 %                  |
| 5)      | H1NMR          | Confirm to structure     |
| 6)      | 13CNMR         | Confirm to Structure     |
| 7)      | IR             | Confirm to Structure     |



**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.