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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

Re-test Date: Oct 2027

**Product Name: Orphenadrine Citrate**

### Identification:

Chemical Name: (R)-N,N-Dimethyl-2-(phenyl(o-tolyl)methoxy)ethan-1-amine 2-hydroxypropane-1,2,3-tricarboxylate

Synonyms : NA

CAS Number : 4682-36-4

CAT Number : CP-O22011

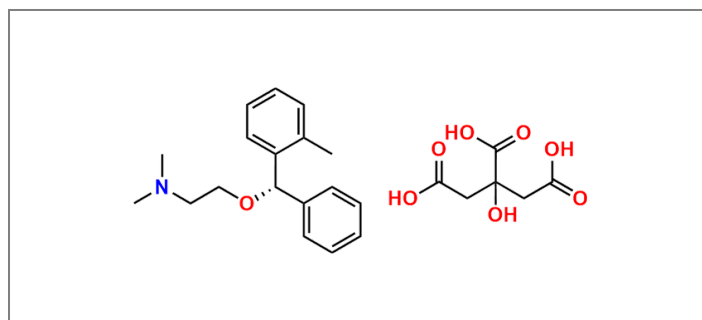
Molecular Formula : C<sub>18</sub>H<sub>23</sub>NO : C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>

Molecular Weight : 269.39 : 192.1

Batch Number : CP-ORP-CIT-1024

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.90%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	Weight loss by TGA	0.278%
8)	Potency by TGA	99.62%



**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.