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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2024

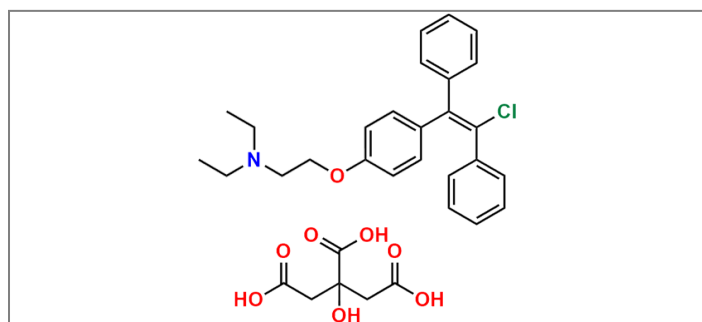
Re-test Date: May 2027

**Product Name: Clomiphene Citrate (In House Standard)**

### Identification:

Chemical Name: 2-[4-[(1E)-2-Chloro-1,2-diphenylethen-1-yl]phenoxy]-N,N-diethylethan-1-amine dihydrogen 2-hydroxypropane-1,2,3-tricarboxylate (as per EP)

Synonyms : NA  
CAS Number : 50-41-9  
CAT Number : CP-C29000  
Molecular Formula : C<sub>26</sub>H<sub>28</sub>ClNO : C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>  
Molecular Weight : 406.0 : 192.1  
Batch Number : CP-CLO-CIT-0624



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	99.95%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.4%
8)	Potency by TGA	99.55%



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.