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## CERTIFICATE OF ANALYSIS

Analysis Date:

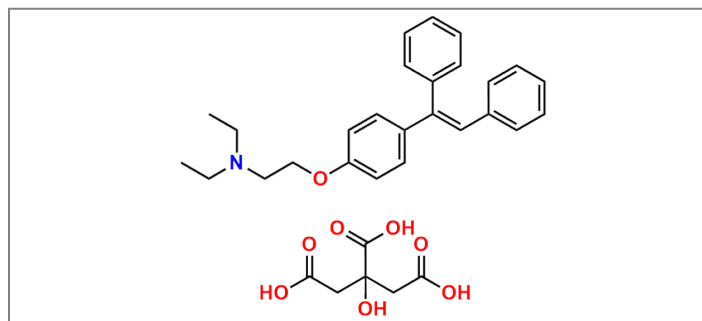
Re-test Date:

**Product Name: Clomiphene EP Impurity A (citrate salt)**

### Identification:

Chemical Name: 2-[4-[(1E)-1,2-Diphenylethen-1-yl]phenoxy]-N,N-diethylethan-1-amine 2-hydroxypropane-1,2,3-tricarboxylic acid (as per EP) ; (E,Z)-2-[4-(1,2-Diphenylvinyl)phenoxy]-N,N-diethylethanamine 2-hydroxypropane-1,2,3-tricarboxylic acid (as per USP)

Synonyms : NA  
CAS Number : 19957-53-0  
CAT Number : CP-C29034  
Molecular Formula : C<sub>26</sub>H<sub>29</sub>NO : C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>  
Molecular Weight : 371.5 : 192.1



### 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	>95%
5)	H1NMR	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.