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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Isotretinoin EP Impurity A**

#### Identification:

Chemical Name: (2E,4E,6E,8E)-3,7-Dimethyl-9-(2,6,6-trimethylcyclohex-1-en-1-yl)nona-2,4,6,8-tetraenoic acid

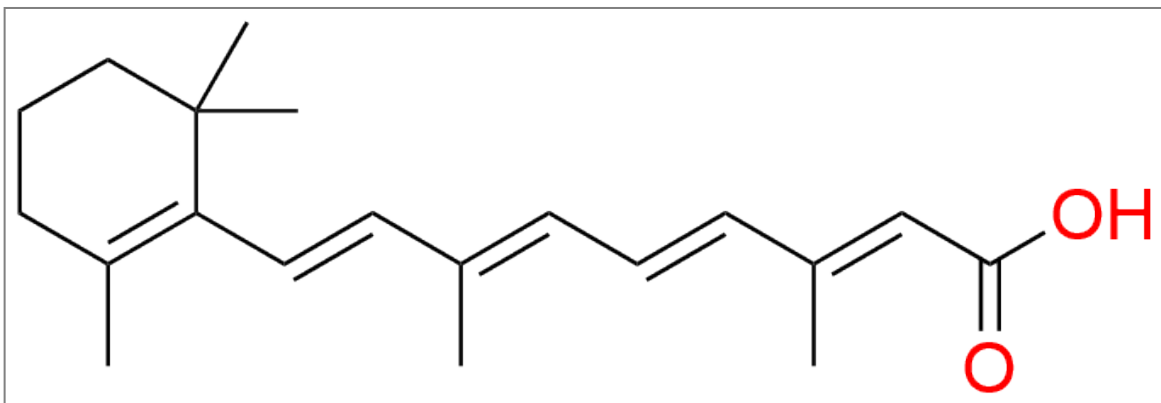
Synonyms : Tretinoin ;  
Trans  
Retinoic  
Acid

CAS  
Number : 302-79-4

CAT  
Number : CP-I25001

Molecular  
Formula : C<sub>20</sub>H<sub>28</sub>O<sub>2</sub>

Molecular  
Weight : 300.44



#### 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**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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