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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2024

Re-test Date: Jan 2027

Product Name: RRR- α -Tocopherol EP Impurity B

Identification:

Chemical Name: (2R)-2,5,8-trimethyl-2-[(4R,8R)4,8,12-trimethyltridecyl]-3,4-dihydro-2H-1-benzopyran-6-ol (as per EP)

Synonyms : RRR- β -tocopherol (EP) ; d- β -Tocopherol

CAS Number : 16698-35-4

CAT Number : CP-T94010

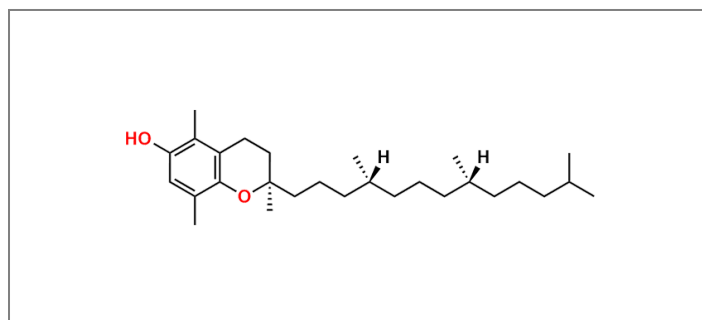
Molecular Formula : C₂₈H₄₈O₂

Molecular Weight : 416.69

Batch Number : CP-TOC-B-0224

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

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



Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Oily Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	98.56%
5)	¹ HNMR	Confirm to structure



Prepared and Reviewed By



Mr. Shubham Bondre
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

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