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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

Re-test Date: Sep 2027

Product Name: Vitamin K1

Identification:

Chemical Name: 2-Methyl-3-phytyl-1,4-naphthoquinone

Synonyms : Phylloquinone

CAS Number : 84-80-0

CAT Number : CP-CS2956

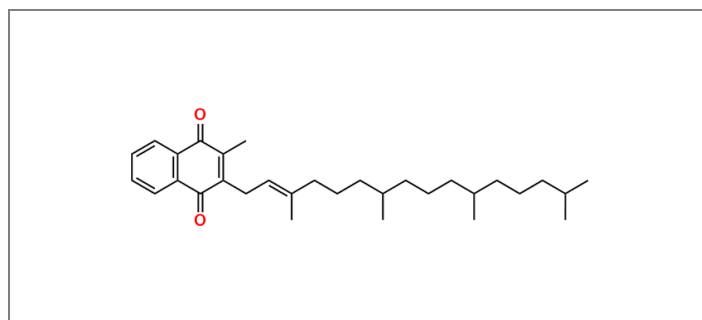
Molecular Formula : C31H46O2

Molecular Weight : 450.71

Batch Number : CP-VIT-KI-0924

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	Yellow Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By NMR	98%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	0.029%
7)	Potency by TGA	97.97%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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