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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Phytomenadione (In House Standard)**

### Identification:

Chemical Name: 2-Methyl-3-((7R,11R,E)-3,7,11,15-tetramethylhexadec-2-en-1-yl)naphthalene-1,4-dione

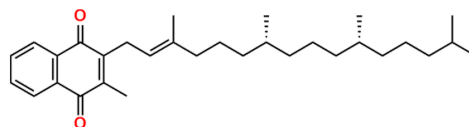
Synonyms : Vitamin K1

CAS Number : 84-80-0

CAT Number : CP-P393000

Molecular Formula : C<sub>31</sub>H<sub>46</sub>O<sub>2</sub>

Molecular Weight : 450.70



### 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	>98%
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.