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### CERTIFICATE OF ANALYSIS

Analysis Date:

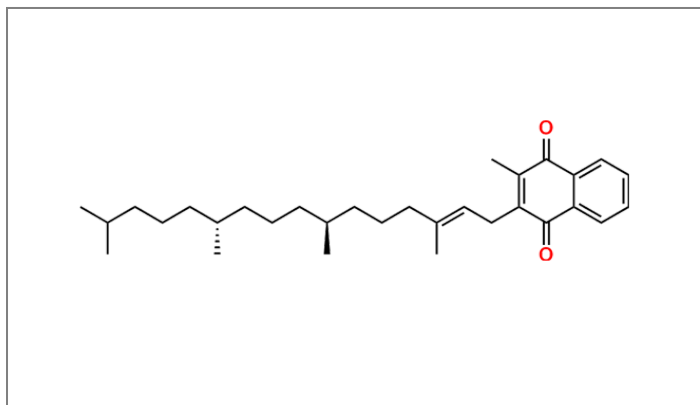
Re-test Date:

**Product Name: (2E,7S,11R)-Vitamin K1**

#### Identification:

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

Synonyms : NA  
CAS Number : 132487-95-7  
CAT Number : CP-P113003  
Molecular Formula : C31H46O2  
Molecular Weight : 450.71



#### 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.