

Certificate of Analysis

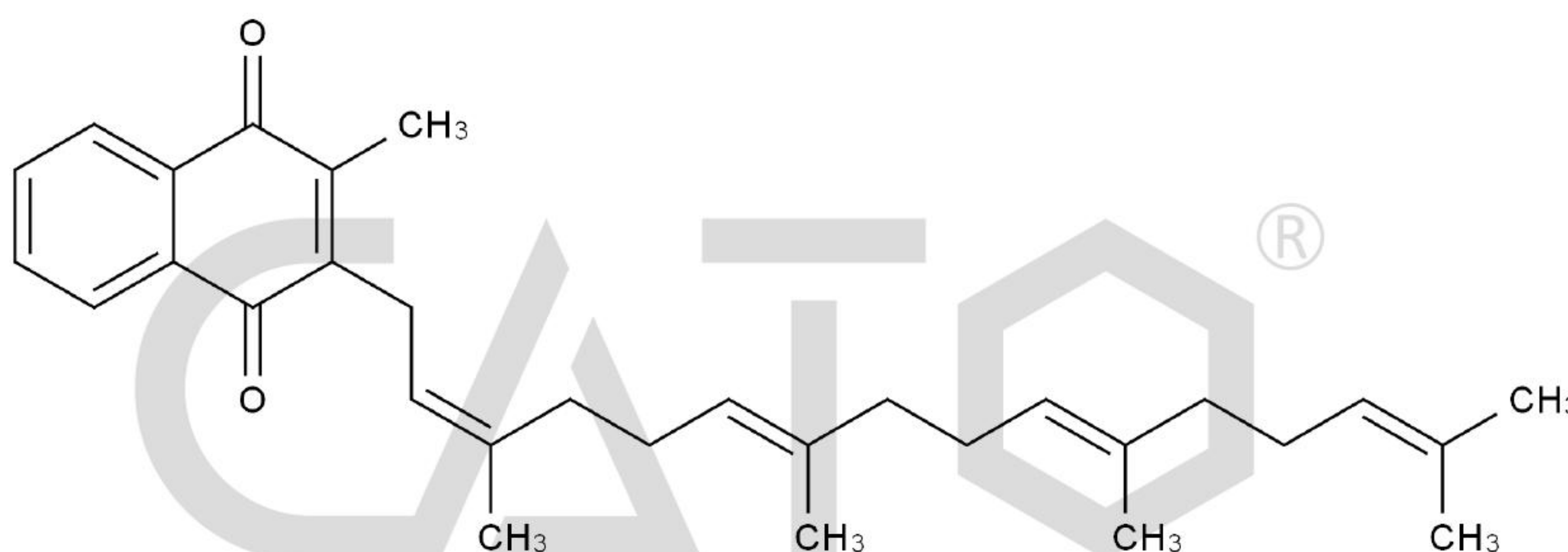
Reference Material & Standard

Product Name:	cis-Vitamin K2	Catalogue Number:	CP143420
Synonyms:	N/A	Lot Number:	0114-RH-0077
CAS Number:	65061-19-0	Expiry Date:	Dec 31, 2029
Molecular Formula:	C ₃₁ H ₄₀ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	444.65	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Dark Yellow Sticky Liquid
Identification	HRMS&UV&HNMR	Confirmed
Purity	HPLC	98.704%
Water Content	Karl Fischer	0.03%
Residual Solvents	NMR	1.02% dichloromethane
Assay		97.7%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) /100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jan 15, 2026

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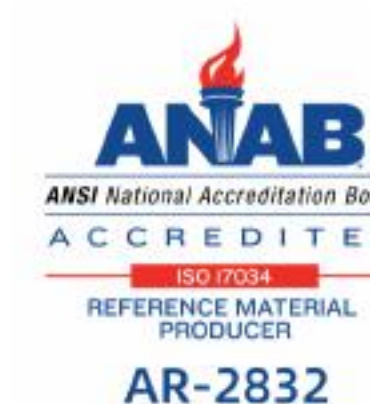
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