



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Name: Phylloquinone

Product Number: PK-20260228

Batch Number: PK-SH2026022801

Brand: SIGALD

CAS Number: 84-80-0

Formula: C₃₁H₄₆O₂

Formula Weight: 450.69 g/mol

Quality Release Date: 28 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Form)	Pale yellow to yellow oily liquid	Pale yellow oily liquid	-	Visual Inspection
Assay	≥98.0%	99.2%	%	High Performance Liquid Chromatography (HPLC)
Melting Point	-20 ~ -15°C	-17°C	°C	Melting Point Apparatus
Boiling Point	>300°C (decomposes)	>300°C (decomposes)	°C	Distillation Method
Solubility	Soluble in ethanol, ether, chloroform; insoluble in water	Conforms	-	Solubility Test
Loss on Drying	≤0.5%	0.2%	%	Vacuum Drying Method
Residue on Ignition	≤0.1%	0.03%	%	Ignition Method at 600°C
Heavy Metals (Pb)	≤10 ppm	2.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤2 ppm	0.4 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Related Substances	≤1.0%	0.3%	%	HPLC

Certification This batch of product has been tested in accordance with the relevant industrial standards for phylloquinone and meets all specified requirements. It is qualified for use.

Issue Date: 28 FEB 2026