

Vitamin K1



PRODUCT INFORMATION

Synonym: Phytonadione or Phytomenadione

Product Identification:

- | | |
|------------------|--------------------------------------|
| a. Chemical Name | 2-Methyl-3-phytyl-1,4-naphthoquinone |
| b. Mol. Formula | $C_{31}H_{46}O_2$ |
| c. Mol. Weight | 450.7 |
| d. CAS No. | 81818-54-4 |

Description: Clear yellow to amber, viscous oily liquid

Specifications: USP, Ph. Eur.

Assay: Z and E isomer - 97.0% to 103.0%

Z isomer - NMT 21.0%

Packaging: Packed under inert gas in 10g, 100g, 250g, 500g, 1 kg and 10kg aluminium bottles placed in a corrugated box.



Shelf Life:

Retest period of 12 months from the date of manufacturing



Storage:

Store in an airtight container, protected from light at a temperature between 2° - 8° C



Applications:

For Food and Pharmaceutical Preparations



Note: Please refer the Material Safety Data Sheet before handling the product

Disclaimer: The aforementioned information is based on our current knowledge and experience. Although we are satisfied that it meets our specifications, we request users to use their discretion and carry out any necessary tests/precautions prior to usage of the product in any formulation.

Fermenta does not carry any liability in the final usage of the product and maintains that users should observe compliance with all applicable laws and regulations while using the product.



Manufactured by :

Fermenta Biotech Limited

A - 1501, Thane One, 'DIL' Complex, Ghodbunder Road, Majiwada, Thane (West) - 400610, Maharashtra, India. Tel: +91 22 6798 0800 / 888 • Fax: +91 22 6798 0899
E mail: info@fermentabiotech.com • Website: www.fermentabiotech.com