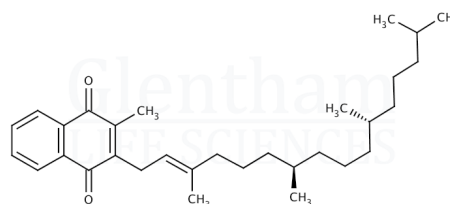


## Certificate of Analysis

Product Name Vitamin K1  
Glentham Code GV4612  
CAS Number 84-80-0  
EINECS 201-564-2  
MDL Number MFCD00214063  
PubChem SID 310281723  
Batch Number 758NRV

Molecular Weight 450.7  
Molecular Formula  $C_{31}H_{46}O_2$   
Storage Temp. +4°C



| Property                | Specification                         | Batch 758NRV                 |
|-------------------------|---------------------------------------|------------------------------|
| Physical Description    | Clear yellow to orange viscous liquid | Clear, yellow viscous liquid |
| Refractive Index (20°C) | 1.5250 - 1.5290                       | 1.5253                       |
| Purity (UV)             | ≥ 97.0% (Z + E isomers)               | 99.0%                        |

Specification Version v1.0  
Manufacture Date 2020-11-23  
Re-Test Date 2030-02-09

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024