



# NISSHIN PHARMA INC.

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## Specification of Vitamin K1 “ Nisshin ” (Phytonadione USP)

Test	Specification
Description	Clear, yellow to amber, very viscous liquid
Identification	
1)IR	Conforms to standard spectrum
2)UV	Absorptivity at 248nm does not differ from standard by more than 3.0%
Refractive Index(25 )	1.523 – 1.526
Reaction	Neutral to litmus
Limit of Menadione	No purple or blue color is not produced
Z Isomer Content	NMT 21.0%
Assay	97.0 – 103.0%

### *Packaging*

500g in brown glass bottle.

### *Shelf Life*

3 years from the date of production.

### *Storage Condition*

Storage – Light-resistant, under nitrogen atmosphere, and in a room temperature.