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Typical Product Specifications & Properties

Vitamin K1 (Phytonadione)

CAS Number: : 84-80-0

Specifications	Limits
Sparingly Soluble	in methanol
Assay	97.0-103.0%
Isomer	21.0% Max
Refractive Index	1.523~1.526
Identification	the ultraviolet absorption spectrum of it exhibits max and the min has the same wavelength
Other related substances	no purple or blue color occurs when droppin the solution into hydroxide or alcohol
Identification	the infrared absorption spectrum of it exhibits max.
Reaction Test	it is neutral
Reference Standard	USP 30
Melting Point	-20 c
Odor	odorless
Insolubility	in water



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Specifications	Limits
Molecular weight	450.68
Specific gravity	0.967
Solubility	ethanol, acetone, benzene, petrol. ether, hexane, dioxane, chloroform, ether, other fat solvs., veg.



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