

Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
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Date: August 1, 2018

Specification

Menadione USP

Catalog Number: ME1008 CAS Number: 58-27-5

Synonym(s): 2-Methyl-1,4-naphthoquinone, Vitamin K₃

Molecular Formula: $C_{11}H_8O_2$ Molecular Weight:172.18Storage: $15^{\circ}C - 30^{\circ}C$

Retest Period: Two years from the date of manufacture.

Test	Specification
Appearance	Yellow crystalline powder
Assay	≥ 98.5%
Identification (FTIR)	To match reference spectra
Melting Point	105°C – 107°C
Solubility	Chloroform (100mg/mL), EtOH (16mg/mL), DMSO
	(1mg/mL), Insoluble in water
Moisture (LOD)	≤ 0.3%
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Residue on Ignition	≤ 0.1%

Approved:

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