

Certificate of Analysis

Product Name :	Vitamin K ₁	Analysis Date:	Jun .06, 2015
Batch No. :	20150606	Mfg. Date :	Jun.06, 2015
Quantity :	2kgs	Expiry Date :	Jun.05, 2017

Item	Specification	Result
Assay	97.0~103.0 %	99.7%
Z Isomer	21.0% Max.	18.4%
Refractive Index	1.523~1.526	1.526
Identification	<p>A. The infrared absorption spectrum of it exhibits max. only at the same wavelength as that of USP phytonadione RS.</p> <p>B. The ultraviolet absorption spectrum of it exhibits max. and min. at the same wavelength as that of USP phytonadione RS. and the respective absorptivities at the wavelength of max. absorptivities at about 248nm don't differ by more than 3%.</p>	Conforms
Reaction	It is neutral.	Conforms
Menadione	No purple or blue color occurs after dropping it to the solution of Ammonia hydroxide and alcohol.	Conforms

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place not freeze., keep away from strong light and heat
Shelf life:	2 years when properly stored