



武汉福鑫化工有限公司

Wuhan Fortuna Chemical Co.,Ltd

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CERTIFICATE OF ANALYSIS

Products Name	CAS NO.	Batch No.
Vitamin K1	84-80-0	20240215
Mfg. Date	Exp. Date	Package
Feb.,15,2024	Feb., 14,2026	25kg/ Box/Bag/Drum

ITEMS	SPECIFICATIONS	RESULTS
Appearance	A clear, intense yellow, viscous, oil liquid, practically insoluble in water, sparingly soluble in alcohol, miscible with fatty oils	Conforms
Identification	Refractive index 1.523 -1.526	1.526
	UV spectrum Test solution and std solution exhibit maxima at the same wavelength and absorptivity at 248m is within 3.0%	Conforms
	Infrared spectrum conformance with standard spectrum	Conforms
	Reaction 1 A in 20 solution of it in dehydrated Alcohol is neutral to litmus	Conforms
	Reaction 2 Test the limit of meandione	Conforms
Assay(Z and E isomers)	97.0% -103.0%	98.38%
Assay(Z isomer)	≤21.0%	17.51%
Conclusion	QUALIFIED.	

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03

