

Certificate of Analysis

ActiBiso™ VK1 Oxide

Trade Name: ActiBiso™ VK1 Oxide		INCI Name: Phytonadione Epoxide	
Batch No.: BVK230519		Quantity: 10kg	
Manufacturing Date: 19.05.2023		Best Use Before Date: 18.05.2025	
Items		Specification	Results
Appearance:		A clear intense yellow, viscous, oily liquid	Pass
Assay %:		98.0 min	98.9
Solubility:		Insoluble in water, practically insoluble in methanol, slightly soluble in ethanol at room temperature and highly soluble in 80°C, completely soluble in hexane, higher aliphatic and ether.	Pass
Identification:		A sight red color indicates the presence of the Vitamin K oxide.	Pass
UV Spectra:		UV spectra of Vitamin K oxide presents Absorption at 226nm.	Pass
Impurities	Menadione %:	0.005 max	Pass
	Vitamin K1 %:	0.05 max	Pass
	Free Naphtoquinone %:	0.5 max	Pass
	Minerals:	Determined by sulfuric ash determination	Pass
Conclusion:		Pass	

This lot was analysed and released by our authorized Quality Control Department and was found to meet the specification as given above.

Bisor Corporation
The Quality Assurance Manager

Yang Jian Ming

