

**Certificate of Analysis**

**Product name :** VK3-MSB, SODIO MENADIONA BISULFITO  
**Batch No :** BN20160623  
**CAS NO.:** 130-37-0  
**Manufacture date :** Jun.23, 2016  
**Expiration date :** Jun.23, 2018

TEST ITEMS	SPECIFICATION	TEST RESULTS
Assay(Dry basis)	≥98.0%	99.3%
Solubility	Soluble in water and hot ethanol, insoluble ice ethanol, insoluble in ether and benzene	Complies
Appearance	White fine powder	Complies
PH ( in water )	4.7-7	Complies
Melting Point	121-124℃	Complies
Heavy Metals	≤ 20ppm	14ppm
Arsenic	< 2ppm	Complies
Menaquinone	Not appear royal purple	Not appear royal purple
Water	≤ 0.5%	0.3%
Residue On Ignition	≤ 0.10%	0.07%
Solvent residue		
Ethanol	≤ 0.3%	0.18%
Other Related Substances ratio	0.01%	Complies

<b>Packing description</b>	Sealed export grade drum & double of sealed plastic bag
<b>Storage</b>	Store in cool & dry place, keep away from strong light and heat
<b>Shelf life</b>	2 years when properly stored



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