

Analytical Report

Sample Code	128-2024-00017383	Report date	14-Mar-2024
Certificate No.	AR-24-VV-019458-01		



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Sample Code:	128-2024-00017383		
Client Sample Code:	K20240218P		
Sample described as:	Vitamin K2 (2000ppm powder)		
Sample Packaging:	Sealed aluminum foil bag		
Analysis Type:	Consignment Testing		
Sample reception date:	04-Mar-2024		
Analysis Starting Date:	04-Mar-2024		
Analysis Ending Date:	14-Mar-2024		
Arrival Temperature (°C)	11.0	Sample Weight	300g
Sample Type	Solid		

	Results	Unit	LOQ	LOD
Y3L00 Aerobic plate count Method: GB 4789.2-2022				
Aerobic plate count	<10	cfu/g		
Y3L02 Coliforms Method: GB 4789.3-2016 Second Method				
Coliforms	<10	cfu/g		
Y3L07 Salmonella Method: GB 4789.4-2016				
Salmonella	Not Detected	/25 g		
Y3L0S Staphylococcus aureus Method: GB 4789.10-2016 First Method				
Staphylococcus aureus	Not Detected	/25 g		
Y3L13 Moulds and Yeasts Method: GB 4789.15-2016 First method				
Moulds and Yeasts	10	cfu/g		
Y3L18 Escherichia coli Method: GB 4789.38-2012 Second Method				
Escherichia coli	<10	cfu/g		

	Results	Unit	LOQ	LOD
Y3004 Lead (Pb)(ICP-MS) Method: GB 5009.12-2023 Second method				
Lead (Pb)	Not Detected	mg/kg	0.05	0.02
Y302K Cadmium (Cd)(GF-AAS) Method: GB 5009.15-2023 First method				
Cadmium (Cd)	0.0030	mg/kg	0.003	0.001
Y302D Total Mercury(HG-AFS) Method: GB 5009.17-2021 First chapter first method				
Total Mercury	Not Detected	mg/kg	0.01	0.003
Y301I Total Arsenic (As)(ICP-MS) Method: GB 5009.11-2014 First chapter first method				
Total arsenic	Not Detected	mg/kg	0.01	0.003

	Results	Unit	LOQ	LOD
Y30SX Moisture (Direct drying method) Method: GB 5009.3-2016 First method				
Moisture	3.83	g/100 g	0.1	
Y300S Ash Method: GB 5009.4-2016 First method				
Ash	0.05	g/100 g	0.01	
☆ DJ2KN Vitamin K2 MK7 trans form non-encapsulated Method: USP 42-NF 37				
Isomeric purity	100	%	20	
trans-Menaquinone 7 (UV) (trans-MK7, Vitamin K2)	0.231	g/100 g	0.01	



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Sensory results:

No.	Item	Method	Requirements	Results	Justification
1	Character and Color	Customer Method	White or light yellow powder	Conforms	/
2	Odor	Customer Method	Characteristic	Conforms	/
3	Impurity	Customer Method	No visible impurities with normal vision	Conforms	/

SIGNATURE


 Berton Zhang
 Authorized Signatory



 Kenny Zhou
 Authorized Signatory

EXPLANATORY NOTE

Not Detected means the result is less than LOD

LOQ: Limit of Quantification

< LOQ: Below Limit of Quantification

N/A means Not applicable

Sum compounds results are calculated from the results of each quantified compound as set by regulation

The uncertainty has not been taken into account for standards that already include measurement uncertainty or on explicit request of client.

The sample description and information are provided by the Client. Eurofins is not responsible for verifying the accuracy, relevancy, adequacy and/or completeness of the information provided by the Client.

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For and on behalf of Eurofins Technology Service (Qingdao) Co., Ltd.

END OF REPORT


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