

Analytical Report

Sample Code	128-2023-00005847	Report date	17-Feb-2023
Certificate No.	AR-23-VV-008910-01		



QINGDAO NUTRALONG PHARMACHEM CO.,LTD

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Sample Code: 128-2023-00005847
Client Sample Code: 20230129
Sample described as: D-GLUCOSAMINE
SULFATE 2KCL
Sample Packaging: Sealed plastic bag
Sample reception date: 06-Feb-2023
Analysis Starting Date: 06-Feb-2023
Analysis Ending Date: 17-Feb-2023

Arrival Temperature (°C)	9.9	Sample Weight	310g
Sample Type	Solid		

		Results	Unit	LOQ	LOD
VV00B	Coliforms Method: ISO 4832:2006				
	Coliforms	<10	cfu/g		
VV00D	Yeasts and moulds Method: ISO 21527-2: 2008				
	Moulds	<10	cfu/g		
	Yeast	<10	cfu/g		
VV00E	Salmonella Method: ISO 6579-1:2017				
	Salmonella	Not Detected	/25 g		
VV00P	Aerobic plate count Method: ISO 4833-1:2013				
	Aerobic plate count	<10	cfu/g		
VV0A3	Coagulase-positive staphylococci Method: ISO 6888-1:2021				
	Coagulase positive staphylococci	<10	cfu/g		
		Results	Unit	LOQ	LOD
VV60W	Lead (Pb) (ICP-MS) Method: EN 15763:2009				
	Lead (Pb)	<0.05	mg/kg	0.05	
VV60X	Cadmium(Cd)(ICP-MS) Method: EN 15763:2009				
	Cadmium (Cd)	<0.005	mg/kg	0.005	
VV6XA	Total Arsenic(As)(ICP-MS) Method: EN 15763:2009				
	Total Arsenic(As)	<0.005	mg/kg	0.005	
VV60Y	Total Mercury(Hg)(ICP-MS) Method: EN 15763:2009				
	Total Mercury(Hg)	<0.003	mg/kg	0.003	
		Results	Unit	LOQ	LOD
VV603	Ash Method: AOAC 923.03				
	Ash	29.3	g/100 g	0.01	
☆ FS0A8	Loss on Drying				
	Method Reference				
		Glucosamine			
		Sulfate Potassium			
		Chloride			
	Moisture	<0.1	%	0.1	
☆ FS79L	Glucosamine Sulfate KCl - Assay - EP Monograph Method: Current EP				
	Assay - Dried Basis	99.6	%		



Method References

Assay (Glucosamine Sulfate KCl - EP) (M_TITRTN_S)

European Pharmacopeia, 11th Edition, Online Version, Directorate for the Quality of Medicines of the Council of Europe, Strasbourg Cedex, France (2022).

Loss on Drying (LOD_S)

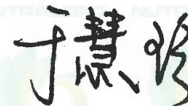
European Pharmacopeia, 11th Edition, Online Version, Directorate for the Quality of Medicines of the Council of Europe, Strasbourg Cedex, France (2022).

SIGNATURE


Berton Zhang
Authorized Signatory



Kenny Zhou
Authorized Signatory



Janney Yu
Authorized Signatory

EXPLANATORY NOTE

LOQ: Limit of Quantification

< LOQ: Below Limit of Quantification

N/A means Not applicable

☆ means the test is subcontracted within Eurofins group

◎ means the test is subcontracted outside Eurofins group

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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END OF REPORT

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