



Xi'an Green Spring Technology Co.,Ltd

CERTIFICATE OF ANALYSIS

Product name:	Organic Spirulina Extract Phycocyanin Powder	Manufacture date:	2023.02.23
Product type:	YJE18	Expiry date:	2025.02.22
Batch No:	YJE18230223	Report date:	2023.03.02
Quality:	Food grade	Model:	1Kg/packet
Net content:	1.005kg		
Ingredients:	50%~65% Organic spirulina concentrate, 30%~40% organic maltodextrin, 5%~10% sodium citrate		
Analysis item	Specification	Results	Test method
Physical test			
Appearance	Blue powder	Conforms	Visual
Odor/Taste	Characteristic	Conforms	Smell/Taste
Solubility	Water soluble	Conforms	Visual
Impurity	None visible impurity	Conforms	Visual
Physical and chemical index			
Color value	180-195unit	193unit	UV(Amax/m)
Loss on drying	≤7.0%	4.16%	3g/105℃/2hrs
Protein (g/100g)	5-90%	49.3%	Kjeldahl method
Phycocyanin (g/100g)	5-90%	39.99%	SN/T 1113-2002
Heavy metals*			
Lead (Pb)	≤0.9 (mg/kg)	< 0.04 (mg/kg)	ICP-MS
Arsenic (As)	≤0.5 (mg/kg)	< 0.20 (mg/kg)	ICP-MS
Mercury (Hg)	≤0.05 (mg/kg)	< 0.02 (mg/kg)	ICP-MS
Microbiological tests			
Total plate count	≤1000 (CFU/g)	Conforms	AOAC 990.12
Mold*	≤100 (CFU/g)	Conforms	AOAC 997.02
Coliforms	≤10 (CFU/g)	Conforms	AOAC 991.14
Detection of pathogenic bacteria*			
Salmonella	Negative	Not detected	AOAC 998.09
Conclusion:	Conforming to the quality standard.		
Shelf life:	2 Years.		
Storage:	Stored in tightly sealed containers in cool and dry place, below 26℃.		

Note: The above * items are tested by third party.

Director: Zhongmin Ma

Recheck: Liang Yan

