



Xi'an Green Spring Technology Co.,Ltd

Certificate of Analysis

Product Name:	Spirulina Extract (Phycocyanin)	Manufacture Date:	2023.04.8
Batch No:	RWS210418-W3	Report Date:	2023.04.25
Quality	500kg	Best Before Date:	2025.04.7

Analysis Item	Specification	Results	Method
Color Value(10%E618nm)	>180unit	19 limit	As per below
Physical Test			
Appearance	Blue Powder	Conform	Visual
Odor	Characteristic	Conform	Smell
Solubility	Water Soluble	Conform	Visual
Taste	Characteristic	Conform	Sensory
Particle Size	100% Pass 80 mesh	Conform	Sieve
Loss on Drying	<7.0%	5-8%	Heat& Weight
Chemical Tests			
Lead (Pb)	<1 ppm	<0.40 ppm	Atomic absorption
Arsenic (As)	<1 ppm	< 0.20 ppm	
Mercury (Hg)	<0.1 ppm	<0.02 ppm	
Cadmium (Cd)	<0.2ppm	<0.04 ppm	
Microbiological Tests			
Total Plate Count	<1000 cfu/g	Conform	Bacterial culture
Yeast and Mold	<100 cfu/g	Conform	Bacterial culture
Coliforms	<3 cfu/g	Conform	Bacterial culture
Salmonella	Negative/25g	Conform	Bacterial culture
S. aureus	Negative	Conform	Bacterial culture
Packing:	2.5k/drum		
Storage:	Store in well-closed container at room temperature, protect from light moisture and pest infestation		
Testing result:	It is tested according to Enterprise Standard, the result conforms to the Regulation.		

Quality Assurance: Liang Yan

