

Manufacturer Add:

Industrial Park in Wugong County,

Xianyang City, Shaanxi Province, China

www.fzbiotech.com

Email: sales@fengzusw.com

Tel.: 86-029-8129-4858

CERTIFICATE OF ANALYSIS

Product Name:	Phycocyanin(spirulina extract)	Batch Number:	E18180321
Quality	Food grade	Mfg Date:	21th,Mar. 2018
Batch Quantity:	200Kgs	Exp Date:	20th,Mar. 2020

Analysis Item	Specification	Result	Method
Color value(10%E618nm)	>180unit	186unit	As per below
Appearance	Blue powder	Complies	Visual
Odor	Characteristic	Complies	Smell
Taste	Characteristic	Complies	Sensory
Solubility	Water soluble	Complies	Visual
Particle size	100% pass 80 mesh	Complies	Sieve
Loss on Drying	≤7.0%	4.32%	Heat&Weight
10% PH	5.5-6.5	6.2	PH Meter
PH Stability	Good	Good	Citric acid
Heat Stability	Good	Good	Heat
Light Stability	Good	Good	UV
Mercury(Hg)	<0.01ppm	<0.02ppm	Atomic absorption
Arsenic (As)	<1ppm	<0.20ppm	
Lead (Pb)	<1ppm	<0.40ppm	
Cadmium(Cd)	<0.20ppm	<0.04ppm	
Aflatoxin	Max 0.2μg/kg	Not detected	SGS in house method-Elisa
Pesticide	Not detected	Not detected	SOP/SA/SOP/SUM/304
Total Plate Count	<1000cfu/g	710cfu/g	Bacterial culture
Yeast & Mold	<100cfu/g	<20cfu/g	Bacterial culture
E.Coli	ND	ND	Bacterial culture
Salmonella	ND	ND	Bacterial culture
Pathogenic Bacteria	ND	ND	Bacterial culture
Conclusion	Conforming to the quality standard		
Carrier	30%Trehalose.5%Sodium citrate		
Shelf life	2 years when properly stored		

Analyst: Yangguang

QC manager: Lijianjun

QA manager: Sujun

