

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Phycocyanin (Spirulina Extract)		
<b>Batch Number</b>	20230415	<b>Manufacture Date</b>	20230415
<b>Report Date</b>	20230415	<b>Expiry Date</b>	20250414

Item of Analysis	Specification	Results	Test Methods
Assay Color Value(10%E618nm)	>250unit	256unit	*As per below
<b>Organoleptic</b>			
Appearance	Powder	Conforms	Organoleptic
Color	Blue Powder	Conforms	Organoleptic
Odor	Characteristic	Conforms	CP2010
<b>Physical Characteristics</b>			
Particle Size	100% Pass 80 mesh	Conform	Sieve
Loss on Drying	≤7.0%	4.5%	Heat & Weight
10% PH	5.5~6.5	6.2	PH Meter
Particle Size	100% Pass 80 mesh	Conform	Sieve
Lead (Pb)	≤1 ppm	<0.40ppm	Atomic absorption
Arsenic (As)	≤1 ppm	< 0.2ppm	
Mercury (Hg)	<0.1ppm	<0.02ppm	
Cadmium (Cd)	<0.2ppm	<0.04ppm	
Aflatoxin	Max0.2μg/kg	Not detected	SGS in house method-Elisa
Pesticide	Not detected	Not detected	SOP/SA/SOP/SUM/304
<b>Microbiological Tests</b>			
Total Plate Count	≤1000 cfu/g	810cfu/g	Bacterial culture
Yeast and Mold	≤100 cfu/g	60 cfu/g	Bacterial culture
E.Coli	Negative/g	Negative/g	Bacterial culture
Coliforms	<3cfu/g	<3cfu/g	Bacterial culture
Salmonella	Negative/25g	Negative/25g	Bacterial culture
Pathogenic Bacteria	Negative/g	Negative/g	Bacterial culture

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.

