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## Certificate of Analysis

<b>Product Name:</b>	Phycocyanin(Blue Spirulina)	<b>Manufacture Date:</b>	17 <sup>th</sup> , Nov, 2024
<b>Type</b>	E18	<b>Batch No:</b>	Sj20241117
<b>Batch Quantity:</b>	1800 Kg	<b>Expiration Date</b>	16 <sup>th</sup> , Nov, 2026

Analysis Item	Specification	Results	Test Method
<b>Appearance</b>	Blue Powder	Conforms	Visual
<b>Odor /Taste</b>	Characteristic	Conforms	Smell /Taste
<b>Solubility</b>	Water Soluble	Conforms	Visual
<b>Impurity</b>	None visible impurity	Conforms	Visual
<b>Particle size</b>	100% Pass 80 mesh	Conforms	Sieve
<b>Color Value</b>	180-190unit	188unit	Amax/m
<b>Loss on Drying</b>	≤6.0%	4.40%	GB5009.3-2016
<b>Protein g/100g</b>	15-70%	48.5%	GB5009.5-2016
<b>Phycocyanin g/100g</b>	10-60%	38.5%	SN/T 1113-2002
<b>Lead (Pb)</b>	≤0.9 (mg/kg)	<0.40 (mg/kg)	GB5009.12-2017
<b>Arsenic (As)</b>	≤0.5 (mg/kg)	<0.20 (mg/kg)	GB5009.11-2014
<b>Cadmium (Cd)</b>	≤0.2 (mg/kg)	<0.04 (mg/kg)	GB5009.15-2014
<b>Mercury (Hg)</b>	≤0.05 (mg/kg)	<0.02 (mg/kg)	GB5009.17-2014
<b>Total Plate Count</b>	≤1000 (CFU/g)	<100 (CFU/g)	GB4789.2-2016
<b>Yeast and Mold</b>	≤100 (CFU/g)	<10 (CFU/g)	GB4789.15-2016
<b>Coliforms</b>	≤10 (CFU/g)	<10 (CFU/g)	GB4789.3-2016
<b>Salmonella</b>	Negative	Conforms	GB4789.4-2016
<b>Staphylococcus aureus</b>	≤100 (CFU/g)	<10 (CFU/g)	GB4789.10-2016
<b>Vibrio parahaemolyticus</b>	≤3.0 (MPN/g)	<3.0 (MPN/g)	GB4789.10-2016
<b>Sterilization Way</b>	Dry heat sterilization		

<b>Storage</b>	Store in cool & dry place
<b>Shelf life</b>	24 months properly stored

**Quality Assurance Officer: XiaoLiang Li**

**Analyst: Li He**