

Specification of Organic Phycocyanin powder

Items	Specification	Method
Physical and chemical properties		
Algae Variety Identification	Spirulina Platensis	Morphological Classification
Appearance	Fine Blue powder	Visual
Flavor and odor	Mild like seaweed	Organoleptic
Moisture	≤ 7.0%	GB 5009.3-2010
Ash	≤ 10.0%	GB 5009.4-2010
Color value	≥18.0/25.0/40.0	
A620/A280	≥1.3	
Particle size	100% through 80mesh	Screen -USP
Heavy metals content and Microbiological properties		
Arsenic	≤ 1.0PPM	AAS
Lead	≤ 2.0PPM	AAS
Cadmium	≤ 0.2PPM	AAS
Mercury	≤ 0.1PPM	AAS
Total plate count	≤ 10,000cfu/g	GB4789.2-2010
Yeast & Mold	≤ 300cfu/g	GB4789.15-2010
Salmonella	Negative/10g	GB4789.4-2010
E. Coli	Negative/10g	GB4789.38-2012
Coliforms	≤ 10cfu/g	GB4789.3-2010
Staphylococcus	Negative/10g	GB4789.10-2010
Particle size	80mesh	Screen -USP
Pesticide	Not Detected	SOP
Package	Inside: Aluminum foil bag	
Storage	Store in cool & dry place at room temperature. Keep	
Shelf life	24 months when properly stored.	