

Certificate of Analysis

Product Name	Spirulina Extract	Batch Number	YG20210412
Product Type	Organic Blue Spirulina YJE18	Grade	Food Grade
Model	5kg/packet	Manufacture Date	20210412
Origin	China	Analysis Date	20210415
Quantity	100kg	Expiry Date	20230411

ITEMS	SPECIFICATION	RESULTS	TEST METHODS
Physical & Chemical			
Appearance	Blue Powder	Conforms	Visual
Odor /Taste	Characteristic	Conforms	Smell /Taste
Solubility	Water Soluble	Conforms	Visual
Impurity	None visible impurity	Conforms	Visual
Particle size	100% Pass 80 mesh 100%过 80 目	Conforms	Sieve
Color Value	180-195unit	185unit	Amax/m
Loss on Drying	≤6.0%	5.30%	GB5009.3-2016
Protein g/100g	15-70%	53.5%	GB5009.5-2016
Phycocyanin g/100g	10-60%	36.87%	SN/T 1113-2002
Heavy metals			
Lead (Pb)	≤0.9(mg/kg)	<0.40 (mg/kg)	GB5009.12-2017
Arsenic (As)	≤0.5(mg/kg)	<0.20 (mg/kg)	GB5009.11-2014
Cadmium (Cd)	≤0.2(mg/kg)	<0.04 (mg/kg)	GB5009.15-2014
Mercury (Hg)	≤0.05(mg/kg)	<0.02 (mg/kg)	GB5009.17-2014
Microbiological			
Total Plate Count	≤1000 (CFU/g)	<100 (CFU/g)	GB4789.2-2016
Yeast and Mold 菌	≤100 (CFU/g)	<10 (CFU/g)	GB4789.15-2016
Coliforms	≤10 (CFU/g)	<10 (CFU/g)	GB4789.3-2016
Salmonella	Negative	Conforms	GB4789.4-2016
Staphylococcus aureus	≤100 (CFU/g)	<10 (CFU/g)	GB4789.10-2016
Vibrio parahaemolyticus	≤3.0 (MPN/g)	<3.0 (MPN/g)	GB4789.10-2016
Conclusion	Conforming to the quality standard		
Carrier	Organic Maltodextrin、 Sodium Citrate		
Storage	stored in tightly sealed containers in cool and dry place.		

