



# 西安慧集本草生物科技有限公司

HJHERB BIOTECHNOLOGY CO.,LTD

## Certificate of Analysis 质量分析报告

Product Name	Spirulina Extract	Manufacture Date	2021.08.11
Product Type	Phycocyanin E18	Expire Date	2023.08.10
Batch No	HJ20210811	Report Date	2021.08.11
Quality	Food Grade	Sample Size	400g
Model	1Kg/packet	Net content	1.001Kg

ITEM	STANDARD	TEST RESULT	TEST METHOD
Physical Test			
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	Conforms	Sieve
Physical and chemical index			
Color Value	180-195unit	188unit	Amax/m
Loss on Drying	≤6.0%	5.24%	GB5009.3-2016
Protein g/100g	15-70%	49.8%	GB5009.5-2016
Phycocyanin g/100g	10-60%	37.12%	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 Tests			
Total Plate Count	≤1000 (CFU/g)	<100 (CFU/g)	GB4789.2-2016
Yeast and Mold*	≤100 (CFU/g)	<10 (CFU/g)	GB4789.15-2016
Coliforms*	≤10 (CFU/g)	<10 (CFU/g)	GB4789.3-2016
Detection of pathogenic bacteria*			
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	Trehalose ,Sodium Citrate		
Storage	stored in tightly sealed containers in cool and dry place.		

Note:The above \*items are tested by third party.

Director: 马中民

Recheck: 吴智

QC: 王雪琴