



Golden Horizon  
Biologics

Golden Horizon (Chengdu) Technology Co.,Ltd.

## Specification sheet

**Product Name:** Spirulina Powder.

**Active ingredients:** Protein

**Specification:** 60% Protein

**Appearance:** Deep Green Fine Powder

**Test Method:** TLC



### Spirulina Powder:

Spirulina contains a number of nutrients, including multiple lipids, B-complex vitamins, beta-carotene, calcium, niacin, potassium, magnesium, iron and vitamin E. It is also high in protein, antioxidants, and chlorophyll. Apart from its nutritional value, it is also believed to help with multiple metabolism and heart health issues, including weight loss, allergies, diabetes and high cholesterol. Moreover, studies have shown its neuroprotective and hepatoprotective properties, as well as the ability to boost the immune system..

### Health benefits:

- 1) Slimming Figure, keep fit
- 2) Promote a healthy immune system and antioxidant activity
- 3) Contribute to sound cholesterol levels
- 4) Improve gastrointestinal and digestive health
- 5) Support cardiovascular function
- 6) Enhance natural cleansing and detoxification

### Application:

Applied in food field, pharmaceutical field, and cosmetic field.



**Technical specification:**

<b>Product Name:</b>	Spirulina Powder	<b>Batch#:</b>	SPP18082001
<b>Manu. Date:</b>	Aug. 20, 2018	<b>Expi. Date:</b>	Aug. 19, 2020
<b>Country of Origin:</b>	P.R. China	<b>Quantities:</b>	600KGS

ITEM	SPECIFICATION	TEST RESULTS	TEST METHOD
Appearance	Deep Green Fine powder	Complies	Visual
Odor & Taste	Characteristics	Complies	Visual&Organoleptic
Sieve Analysis	100% pass 80 mesh	Complies	80 Mesh Screen
Loss on Drying	7.0 %Max	6.68%	Screen 150°C/ 3hrs
Ash	≤7.0 %	6.2%	CPh
Solubility	Partially soluble in hydro- alcoholic solution	Conforms	Visual
<b>Chemical Control</b>			
As(ppm)	≅ 0.5	0.16	AAS
Pb(ppm)	≅ 2.0	1.46	AAS
Hg(ppm)	≅ 0.05	0.01	AAS
Cd(ppm)	≅ 0.20	0.09	AAS
Irradiate	Forbidden		
<b>Microbiological Analysis</b>			
Total of Plate Count	0<10000CFU/g	120	AOAC
Mould	<25CFU/g	<10	AOAC
E.Coli	≅ 90CFU/100g	Complies	AOAC
Salmonella	Negative	Complies	AOAC
Crude Protein	≅ 60%	61.4%	

**Packaging Details:**

Package: 25kgs/fiber drum, inner with double-layer plastic bags.

Storage: Store in cool & dry place, do not freeze, and keep away from direct strong light and heat.

Shelf life: 2 years when properly stored

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