Spirulina powder – Specification

Product: Organic Spirulina powder **Country of Origin: China**
Date of Production: Dec. 11, 2011 **Expiry: Dec. 10, 2014**

Microbiological analysis

Test Items	Specifications	Results
Appearance	Fine Green Powder	Complies
Taste	Mild, Like seaweed	Complies
Protein:	Min 60%	65.2%
Water:	Max7.0%	6.38%
Ash:	Max7.0%	6.77%
Pb	Max2.0ppm	1.08ppm
As	Max0.5ppm	0.20ppm
Hg	Max0.05ppm	0.010ppm
Heavy metals (Pb, As)	Max3.0ppm	1.28ppm
Total Carotenoids Level	Min 350mg/100g	435mg/100g
Crude Phycocyanin:	Min 10%	13.4%
Chlorophyll	Min 1000mg/100g	1243mg/100g
Bata-Carotenoids	*******	136mg/100g
Total Bacterial Count	Max 100000cfu/g	43000cfu/g
Yeast & Mold	Max 90cfu/g	60cfu/g
Pathogenic Bacteria	Not Detected	Not Detected
Staphylococcus:	Not Detected	Not Detected
Salmonella	Not Detected	Not Detected
Shigella	Not Detected	Not Detected
Mesh:	120mesh	120mesh

Nutritional information

	Quantity per 100g
Energy	326 kcal
Protein	13.72g
Fat (Lipids)	5.9g
Carbohydrate	12.0g
Fibre	2.5g
Beta carotene	165mg
Chlorophyll	1179mg
Phycocyanin	12800mg
Linolenic acid	940mg
Calcium	270mg
Iron	82.7mg

Zinc	3.3mg
Potassium	1040mg
Vitamin B1	4.4mg
Vitamin B2	6.9mg
Vitamin B3	5.9mg
Vitamin B6	18.4mg
Vitamin B12	0.16mg
Vitamin E	13mg