

ORGANIC SPIRULINA POWDER (See Note A)

Certified Organic by CN-BIO-604

Batch No: *JY-130105*
 Expiry: *Jan. 2016*
 Storage: *Cool dry place, low humidity, away from direct sunlight and light. Do not freeze.*
 Note A: *This is a natural product. The nutrient data may vary from one lot to another.*

PHYSICAL PROPERTIES

Standard	Fine Powder
Colour	Green
Odour & Taste	Mild, seaweed like
Mesh	120
Absorption	<20mins



GENERAL COMPOSITION

Protein	65.20%
Fat	8.20%
Dietary Fibers	7.00%
Ash	6.60%
Moisture	6.57%
Carbohydrates	6.43%
Energy (per 100g)	408.9 kcal
Total Pheophorbides	<100mg

MICROBIOLOGICAL

Total bacterial count	44000 cfu/g
Mould & Yeast	55 cfu/g
Pathogenic bacteria	Not detected
Staphylococcus	Not detected
Salmonella	Not detected
Shigella	Not detected
Microcystins	Not detected
Escherichia	Not detected
E.coli	Not detected
Pesticides	Not detected
Tar pigment	Negative
Irradiation	Negative
Extraneous material	Negative

FATTY ACIDS

per 100g

Saturated fatty acid	1.10g
Unsaturated fatty acid	2.23g
Oleic acid	0.19g
Linoleic acid	1.66g
γ-linoleic acid	1.92g
α-linoleic acid	1.57mg
Palmitic acid	3.32g
Palmitoleic acid	0.35g

HEAVY METALS

ppm

Total Heavy Metals	<3.0 (1.26)
Lead (Pb)	<2.0 (1.03)
Arsenic (As)	<0.5 (0.23)
Mercury (Hg)	<0.05 (0.01)
Cadmium (Cd)	<0.3
Aluminum (Al)	

PHYTONUTRIENTS

per 100g

Carotenoids	427mg
β-Carotene	139mg
(ProVitamin A)	550000 IU
Chlorophyll	1213mg
Crude Phycocyanin	11.8g

MINERALS (typical)

per 100g

Calcium	452.82mg
Phosphorus	950mg
Iron	123.12mg
Sodium	450.59mg
Iodine	2.27mcg
Magnesium	305.24mg
Manganese	5.22mg
Zinc	3.6mg
Potassium	1328.41mg
Selenium	1mcg
Copper	0.22mg

VITAMINS (typical)

per 100g

Biotin (H)	4.8mcg
Vitamin B1 (Thiamin)	0.53mg
Vitamin B2 (Riboflavin)	0.73mg
Vitamin B3 (Niacin)	22mg
Vitamin B6 (Pyridoxine)	0.15mg
Vitamin B12 (analogue)	0.23mg
Vitamin E	31.7mg
Pantothenic acid	0.25mg
Folates	22mcg

RADIOACTIVE NUCLIDES (Bq/kg)

Cesium-134 (<3)	Not detected
Cesium-137 (<3)	Not detected
Iodine-131 (<3)	Not detected

AMINO ACIDS (typical)

per 100g

Isoleucine (*)	2.83g
Leucine (*)	5.63g
Lysine (*)	3.07g
Methionine (*)	1.30g
Phenylalanine (*)	2.74g
Threonine (*)	2.99g

AMINO ACIDS (typical)

per 100g

Tryptophan (*)	0.22g
Valine (*)	4.25g
Histidine (*)	0.90g
Cystine	0.60g
Tyrosine	2.79g
Arginine	4.35g

AMINO ACIDS (typical)

per 100g

Alanine	4.87g
Aspartic acid	5.99g
Glutamic acid	9.32g
Glycine	2.67g
Proline	2.14g
Serine	2.97g

(*) Essential Amino Acids

