

	FUJI HEALTH SCIENCE EXCLUSIVE DISTRIBUTORS Specifications for Sanat (Organic Spirulina)
<b>Physical Properties</b>	
Appearance	fine powder
Color	Green to dark green
Odor & Taste	Mild, typical
Bulk Density	>0.5 g/cc
Particle Size	80 mesh
<b>General Composition</b>	
Protein	>60%
Minerals (Ash)	<10%
Moisture	<9%
<b>Vitamins</b>	(mg/100g)
Vitamin B1 (Thiamine)	0.2-0.35
Vitamin B2 (Riboflavin)	7.0-8.0
Vitamin B3 (Niacin)	9.1
Vitamin B6 (Pyridoxine)	2.0-4.0
Vitamin B12 (Analogue)or(Cy	0.02 - 0.05
Folic Acid	0.02-0.04
<b>Amino Acids</b>	(g/100g)
Alanine	4.0-6.0
Arginine	3.0-6.0
Asparic acid	4.0-7.0
Cystine	0.05-0.50
Glutamin acid	6.0-9.0
Glycine	2.0-4.0
Histidine	1.0-2.0
Isoleucine	3.0-4.0
Leucine	3.0-5.0
Lysine	3.0-5.0
Methionine	1.0-3.0
Phenyl Alanine	2.5-4.0
Proline	2.0-3.0
Serine	2.0-4.5
Threonine	1.5-3.5
Tryptophan	1.0-2.0
Tyrosine	1.0-3.0
Valine	1.0-4.0
<b>Minerals</b>	(mg/100g)
Calcium	300-500
Phosphorous	800-1000
Magnesium	400-800
Iron	200-300
Sodium	500-1200
Potassium	500-1200
Zinc	2.0-5.0
Copper	0.2-0.8
Manganese	1.0-3.0
Chromium	0.2-0.5
Selenium	0.05-0.2
<b>Fatty Acids</b>	(g/100g)
Myristic acids	0.8-0.12
Palmitic acid	2.0-2.5
Stearic acid	0.05-0.20
Oleic acid	0.10-0.30
Linoleic acid	0.80-1.30
Gamma Lenolenic acid	1.0-1.5
<b>Phytopigments</b>	(mg/100g)
Total carotenoids	200-400
Beta-carotene	150-250
Xanthophylls	200-400
Zeaxanthin	100-200
Chlorophyll	1100-1500
Phycocyanin	9-13%
<b>Microbiological</b>	
Standard Plate Count (cfu/1g)	<50,000 cfu/gm
Yeast & Mould (cfu/1g)	<100 cfu/gm
Coliform (/25g)	Negative
E. coli (/25g)	Negative
Salmonella (/25g)	Negative
Staphylococcus (/25g)	Negative
<b>Pheophorbites</b>	
Total Pheophorbites	<0.09
Existing Pheophorbites	<0.06
<b>Heavy Metals</b>	<10 ppm
Lead	<0.5
Arsenic	<0.2
Cadmium	<0.2
Mercury	<0.05
<b>Algal Toxins</b>	
Microcystins (ppb/3g)	Not Detectable
BMAA	Negative