

# Parry Organic Spirulina



## ORGANIC SPIRULINA TABLETS (500mg) - SPECIFICATIONS



### PHYSICAL PROPERTIES

Colour	Dark Green
Odour & Taste	Mild
Shape	Round / Oval
Average weight	500mg (± 5%)
Thickness (mm)	4.9 - 5.4
Hardness (Kg / Sq.cm)	2.5 - 5.0
Friability (%)	< 1.0

### GENERAL COMPOSITION

Protein	56 % to 69 %
Carbohydrates	15 % to 25 %
Fats (Lipids)	5 % to 6 %
Minerals (Ash)	6 % to 9%
Moisture	2.5% to 4.5%

### PHYTOPIGMENTS mg / 100g

Total Carotenoids	360 - 500
Beta Carotene	140 - 200
Xanthophylls	180 - 300
Zeaxanthin	125 - 200
Chlorophyll	1100 - 1500
Phycocyanin	14000 - 16000

### AMINO ACIDS

	g / 100 g
Alanine	4.0 - 5.0
Arginine	3.0 - 5.0
Aspartic acid	1.50 - 3.0
Cystine	0.50 - 0.75
Glutamic acid	6.0 - 9.0
Glycine	2.0 - 4.0
Histidine	0.5 - 1.5
Isoleucine	3.0 - 4.0
Leucine	3.0 - 5.0
Lysine	3.0 - 6.0
Methionine	1.0 - 6.0
Phenyl Alanine	2.5 - 3.5
Proline	2.0 - 3.0
Serine	3.0 - 4.5
Threonine	1.5 - 3.0
Tryptophan	1.0 - 2.0

Tyrosine	1.0 - 3.0
Valine	1.0 - 3.5
<b>FATTY ACIDS</b>	<b>g / 100g</b>
Myristic acid	0.01 - 0.03
Palmitic acid	2.0 - 2.5
Stearic acid	0.01 - 0.05
Oleic acid	0.10 - 0.20
Linoleic acid	0.75 - 1.2
Gamma -Linolenic acid	1.00 - 1.50

<b>MINERALS</b>	<b>mg/100g</b>
Calcium	60 - 110
Phosphorus	700 - 1000
Magnesium	200 - 300
Iodine	0.2 - 0.4
Iron	25 - 100
Sodium	700 - 1000
Potassium	1000 - 1500
Zinc	1.0 - 3.0
Copper	0.2 - 0.4
Manganese	1.0 - 3.0
Chromium	0.1 - 0.3
Selenium	0.003 - 0.010

<b>VITAMINS</b>	<b>mg / 100g</b>
Vitamin B1 (Thiamine)	0.15 - 0.30
Vitamin B2 (Riboflavin)	4.0 - 7.0
Vitamin B3 (Niacin)	10.0 - 25.0
Vitamin B6(Pyridoxine)	0.5 - 1.5
Vitamin B12 (Analogue)	0.10 - 0.30
Folic acid	0.05 - 0.30
Inositol	70 - 90
Vitamin K	0.90 - 1.05

### MICROBIOLOGICAL

Standard Plate Count	< 50,000 cfu / 1g
Yeast & Mold (cfu/1g)	< 100
Coliform (/25g)	Negative
E.coli (/25g)	Negative
Salmonella (/25g)	Negative
Staphylococcus (/25g)	Negative

### PHEOPHORBIDES (%)

Total Pheophorbides	< 0.12
Existing Pheophorbides	< 0.08

### HEAVY METALS (ppm)

Lead	<0.20
Arsenic	<0.50
Cadmium	<0.20
Mercury	<0.05

### ALGAL TOXINS

Microcystins (ppb/3g)	Not Detectable (DL: 0.5 ppb)
BMAA	Negative
Light Filth:	< 50 / 50g

GRAS Affirmed



Free from PESTICIDES, HERBICIDES GMO OR ADDITIVES  
An ISO 9001, ISO 14001 & ISO 22000 Certified facility



Parry Nutraceuticals

### Parry Nutraceuticals

A Division of E.I.D.Parry (India) Ltd,  
Dare House, 4th floor, # 234 N.S.C. Bose Road,  
Chennai - 600001, India.  
Tel: +91 - 44 - 2530 6819 Fax: +91 - 44 - 2530 6558  
Email: [parrynutraceuticals@parry.murugappa.com](mailto:parrynutraceuticals@parry.murugappa.com)  
[www.parrynutraceuticals.com](http://www.parrynutraceuticals.com)  
An ISO 9001, ISO 14001 and ISO 22000 certified facility