

# PRODUCT SPECIFICATION SHEET

**PRODUCT NAME:**

ORGANIC CHLORELLA

**BOTANICAL NAME:**

Chlorella vulgaris

**COUNTRY OF ORIGIN:**

China

**INGREDIENTS:**

100 % Chlorella

**PRODUCT DESCRIPTION:**

Chlorella powder and tablets are derived from a microscopic, single-celled algae that thrives in freshwater environments. The chlorella plants undergo a complete reproductive cycle every 20 hours, allowing for rapid multiplication and optimal nutrient accumulation. Chlorella boasts an unusually high amount of chlorophyll. After harvesting Chlorella is swiftly dried to avoid any development of the infamous “fishy smell”, and then the cell walls are cracked. It is rich in essential nutrients, making it a superfood.

**QUALITY PARAMETERS:**

Product is not irradiated. The product is not processed with and does not contain animal products or by-products and is suitable for a vegan diet. No use of pesticides according to EU Regulations 2018/848 and 396/2005 and BNN recommendations.

**ORGANOLEPTIC:**

Format            fine powder or tablets (500mg)  
 Color             green to dark green  
 Flavor            earthy, nutty, grass-like, slightly bitter

**ANALYTICAL PROPERTIES:**

Moisture        10% Max  
 Total Ash       8% Max

**HEAVY METALS:**

Lead             ≤ 3,0 mg/kg  
 Cadmium       ≤ 3 mg/kg  
 Mercury        ≤ 0,1 mg/kg  
 Contaminants in accordance with EU Regulation 2023/915



**GMO:**

Product is not produced with bioengineered or genetically modified material.

**ALLERGENS:**

According to EU Regulation 1169/2011 Annex II – no allergens are processed or stored on site. Chlorella does contain natural SO<sub>2</sub>, which can be above 10 mg/kg; no SO<sub>2</sub> is added to the product.

(the above only applicable in purchasing in bulk quantities in supplier packaging)

**MICROBIOLOGICAL PROPERTIES:**

Total Plate Count	≤ 100.000 cfu/g
Enterococcus	≤ 1.000 cfu/g
E. Coli	≤ 100 cfu/g
Mold	≤ 1.000 cfu/g
Staphylococcus	≤ 100 cfu/g
Pre. Bacillus Cereus	≤ 1.000 cfu/g
Salmonella	Absent/25g

**NUTRITIONAL VALUES (per 100 grams):**

Energy	1595 kJ / 381 kcal
Fat	8,64 g
Saturated Fatty Acids	2,05g
Carbohydrates	16,5 g
Sugar	4,40 g
Dietary Fiber	13,2 g
Protein	55,20 g
Salt	2,9 g

these are estimated values which can vary from lot to lot

**PACKAGING:**

Aluminium bags in 20/25kg carton.

**STORAGE:**

Store in cool, dry area. Do not freeze. Keep away from direct sunlight.

**SHELF LIFE:**

May exceed 24 months from production date given proper storage.