

# Certificate of Analysis



**HEALTHY**  
story international

COMMODITY: Chlorella Powder (Certified Organic by CN-BIO-140)

LOT NO.: O.CH-GF-230821

MANUFACTURE DATE: Aug. 21, 2023

Test Items	Specifications	Results
Appearance(外观)	Fine Green Powder	Complies
Taste(气味)	Mild, Like seaweed	Complies
Protein(蛋白质)	Min 53%	56.4%
Water(水份)	Max7.0%	5.68%
Ash(灰份)	Max8.0%	6.40%
Pb (铅)	Max2.0ppm	0.34ppm
As (砷)	Max1.0ppm	0.20ppm
Cd (镉)	Max0.3ppm	0.07ppm
Hg (汞)	Max0.1ppm	0.021ppm
Carotenoids (类胡萝卜素)	Min 500mg/100g	535mg/100g
Chlorophylla (叶绿素)	Min 1500mg/100g	2591mg/100g
Bata-Carotenoids (β 胡萝卜素)	*****	109mg/100g
Pesticide(农药)	None	None
Total Bacterial Count (菌落总数)	Max 10*10 <sup>4</sup> cfu/g	1.6*10 <sup>4</sup> cfu/g
Yeast&Mold( 酵母菌&霉菌)	Max 1000cfu/g	90cfu/g
Coliforms	Max10cfu/g	<10cfu/g
E.Coli(大肠杆菌)	Negative	Negative
Staphylococcus(葡萄球菌)	Negative	Negative
Salmonella(沙门氏菌)	Negative	Negative
Mesh(目数):	120mesh	120mesh

**STORAGE:** STORE IN A COOL DRY AREA, DO NOT FREEZE, KEEP AWAY FROM STRONG DIRECT LIGHT

**SHELF LIFE:** THREE YEARS WHEN PROPERLY STORED

# TECHNICAL DATA SHEET

## **Product**

Organic Chlorella powder

## **Ingredients**

100% Organic Chlorella

## **Appearance**

Green free flowing powder

## **Odour**

Characterisc, without any foreign odour

## **GMO**

The product is non GMO, according to eC 1829/2003, 1830/2003 and subsequent amendments.

## **Irradiation**

The product is not treated with ionising radiation, according to EC 1999/2 and subsequent amendments.

## **Shelf life**

The shelf life in original, sealed containers under below mentioned storage conditions is [36] months after production. Partially used containers should be used quickly.

## **Storage**

Product should be stored in a cool (<20°C), dark and dry place do not expose to direct sunlight or strong odours.

## **Packaging**

Different packages possible.

## **Flow Chart**

## **Other details**

This specification contains reference values. Deviations of the appearance, composition, colour, flavour and odour are due to the natural origin of the ingredients.

The above specification is based on the information of our suppliers/manufacturer. We recommend to proof the suitability of our product by own tests.

# Allergen list

Celery and products thereof	Absent (-)
Gluten	Absent (-)
Chicken	Absent (-)
Cocoa	Absent (-)
Eggs	Absent (-)
Fish	Absent (-)
Legumes / Pulses	Absent (-)
Lupin and product thereof	Absent (-)
Milk and products thereof (incl. lactose)	Absent (-)
Molluscs	Absent (-)
Mustard	Absent (-)
Nuts	Absent (-)
Peanuts and products thereof	Absent (-)
Pork	Absent (-)
Sesame seeds and products thereof	Absent (-)
Shell fish and crustaceans	Absent (-)
Soy	Absent (-)
Sulphur Dioxide and Sulphites (SO <sub>2</sub> )	Present (+)

# NUTRITIONAL DATA

## Nutritional values per 100g

Energy (kJ)	410.00
Energy (kCal)	1717.00
Protein (gram)	58.40
Total Fat (gram)	9.30
Which of Saturated (gram)	0.00
Salt (gram)	0.00
Carbohydrates (gram)	23.30
Which of Sugars (gram)	0.30
Fibers (gram)	0.00
Report Number:	Based on calculation

## Vitamins per 100g

Vitamin A (Retinol) (µg)	
Vitamin B1 (Thiamine) (mg)	
Vitamin B2 (Riboflavine) (mg)	
Vitamin B3 (Niacine) (mg)	
Vitamin B5 (Pantothenic Acid) (mg)	
Vitamin B6 (Pyridoxine) (mg)	
Vitamin B8 (Biotin) (µg)	
Vitamin B11 (Folic Acid) (µg)	900.00
Vitamin B12 (Cobalamin) (µg)	
Vitamin C (Ascorbic Acid) (mg)	
Vitamin D (µg)	
Vitamin E (mg)	
Vitamin K (µg)	

## Minerals per 100g

Boron (mg)	
Calcium (mg)	
Chloride (mg)	
Chrome (µg)	
Copper (mg)	
Fluorine (mg)	
Iodine (µg)	
Iron (mg)	
Magnesium (mg)	
Manganese (mg)	
Molybdenum (µg)	
Phosphorus (mg)	
Potassium (mg)	950.00
Selenium (µg)	
Sodium (mg)	
Zink (mg)	

## Microbiological Characteristics

Description	Target value	Limit value	Unit
Aerobic Plate Count	< 100.000	> 1.000.000	cfu/g
Coliforms	< 500	> 10.000	cfu/g
Escherichia coli (E.Coli)	< 20	> 100	cfu/g
Staphylococcus aureus	< 20	> 10.000	cfu/g
Yeast	< 500	> 100.000	cfu/g
Moulds	< 500	> 10.000	cfu/g
Listeria species	Absent	Present	in 25 gram
Salmonella	Absent	Present	in 25 gram

## Physical and Chemical Characteristics

Parameter	Target value	Unit
Moisture	< 7.0	%
Ash	< 10.0	%
Particle size (mesh)	80 - 100	Mesh

**Approved by:** Patrick Krijgsman