

ORGANIC ALOE VERA POWDER 100X

OVERVIEW

Aloe vera is a succulent plant widely used in the alternative medicine due its great therapeutic properties. It is employed as an ingredient and/or raw material in a great diversity of products such as beverages, pharmaceuticals capsules, flavorings, liquid extracts and powders.

INGREDIENT LABELLING

Organic Aloe Vera Powder 100X can be declared in the ingredient list as :

- Aloe extract
- *Aloe vera* powder

COMPOSITION

Whole Leaf extract of *Aloe vera* Barbadensis Miller.

USES & APPLICATION

Additive or functional ingredient with great potential in the cosmetic, pharmaceutical and food industry.

SHELF LIFE & STORAGE REQUIREMENTS

Organic Aloe Vera Powder 100X has a shelf life of 2 (TWO) years without refrigeration. This product must be kept tightly closed. Once the container is opened, it must be consumed completely.

Organic Aloe Vera Powder 100X should be stored at room temperature (77°F) in a cool and dry place. Avoid contact with moisture, as it is a highly hygroscopic product. Due to transport and handling, the product can be compacted.

EXPLANATORY NOTE

Due to its hygroscopicity, the moisture content of Organic Aloe Vera Powder 100X may increase over time. However, their product functional properties remain stable.

PRODUCT SPECS SHEET

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PRESENTATIONS

A) Bulk:
Sacks 15 Kg.

PRODUCT SPECIFICATIONS

SENSORIAL CHARACTERISTICS

Appearance: Fine powder.

Color: Beige light yellow.

Taste & Smell: *Sui generis*. Characteristic to *Aloe vera*. Slightly salty and acid.

Behavior: Hygroscopic.

PHYISICOCHEMICALS PROPERTIES^a

SPECS	PARAMETER	METHOD
pH	3.5 – 5.0	Potentiometry
Moisture (%)	5.0 Max.	Thermobalance
Total solids	≥ 1.0%	Refractometry*
Solubility (g/L a 25°C)	200	Gravimetry
Aloin* (ppm)	≤ 1.0	HPLC-DAD**

*Reconstituted solution 100:1 in water

**HPLC-DAD. High Performance Liquid Chromatography coupled to Diode Array Detector

CARBOHYDRATES AMOUNT & PROFILE^a

Data expressed in dry mass obtained by chromatographic analytical methods*

SPECS	PARAMETERS	METHOD
Glucose (%)	Max. 15.0	HPAEC-PAD
Fructose (%)	Max. 10.0	HPAEC-PAD
Sucrose (%)	Max. 5.0	HPAEC-PAD

HPAEC-PAD: High Performance Anion Exchange Chromatography Coupled to Pulsed Amperometric Detection.

*The results expressed in the analyses are the average values from different lots. These results, therefore, cannot be considered as absolute values. Data included in a typical analysis is subject to analytical standard deviation therefore the product information is correct to the best of our knowledge.

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PRODUCT SPECS SHEET

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MICROBIOLOGICAL ANALYSIS

SPECS	PARAMETERS	METHOD
Total Bacterial Count	<1000 UFC/g	FDA-BAM-Chap. 3
Molds	≤ 50 UFC/g	FDA-BAM-Chap. 18
Yeast	≤ 50 UFC/g	FDA-BAM-Chap. 18
Total Coliforms	Absente	FDA-BAM-Chap. 4
<i>Escherichia coli</i>	Absent	FDA-BAM-Chap. 4
<i>Salmonella</i> sp.	Absent in 25 g	AOAC-989.13

a) Internal parameter

NUTRITIONAL CHART

Nutrition Facts			
Varied servings per container			
Serving size		1 tsp (5g)	
Calories	Per serving 10	Per 100g 230	
	% Daily Value*	% Daily Value*	
Total Fat	0g 0%	0g 0%	
Saturated Fat	0g 0%	0g 0%	
Trans Fat	0g	0g	
Cholesterol	0mg 0%	0mg 0%	
Sodium	30mg 1%	630mg 27%	
Total Carbohydrate	3g 1%	60g 22%	
Dietary Fiber	1g 4%	10g 36%	
Total Sugars	1g	12g	
Includes Added Sugars	0g 0%	0g 0%	
Protein	0g	2g	
Vitamin D	0mcg 0%	0mcg 0%	
Calcium	330mg 25%	6660mg 510%	
Iron	0.5mg 2%	9.1mg 50%	
Potassium	400mg 8%	8050mg 170%	
*The % Daily Value tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.			

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CERTIFICATIONS, REGISTERS & IMAG THIRD PARTIES

MANAGEMENT SYSTEM FSSC 22000 CERTIFIED.



ORGANIC CERTIFICATE NOP USDA (UNITED STATES), EU (EUROPEAN UNION), JAS (JAPAN).



KOSHER KMD, OK KOSHER CERTIFICATE.



HALAL CERTIFICATE.



THE VEGAN SOCIETY REGISTER, NON-GMO VERIFIED.



FDA REGISTER, C-TPAT MEMBER.