



ORGANIC ALOE VERA POWDER 100X

DESCRIPTION

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* Barbadosensis 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.





PRESENTATIONS

A) Bulk:

Sacks 15 Kg and 20 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.

PHYSICOCHEMICALS PROPERTIES^a

SPECS	PARAMETERS	METHOD
pH	3.5 – 5.0	Potentiometry
Mositure (%)	5.0 Max.	Thermobalace
Total solids	≥ 1.0%	Refractometry*
Solubility (g/L a 25°C)	200	Gravimetry
Density (g/cm ³)	0.23-0.25	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.



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 sp.</i>	Absent in 25 g	AOAC-989.13

a) Internal parameter

NUTRITIONAL CHART

Nutrition Facts	
Serving size	100g
Amount per serving	
Calories	250
	% Daily Value*
Total Fat 0g	0%
Saturated Fat 0g	0%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 1570mg	68%
Total Carbohydrate 67g	24%
Dietary Fiber 12g	43%
Total Sugars 13g	
Includes 0g Added Sugars	0%
Protein 1g	
Vitamin D 0mcg	0%
Calcium 6880mg	530%
Iron 11.5mg	60%
Potassium 3850mg	80%
Phosphorus 570mg	45%
Magnesium 590mg	140%
Zinc 2.6mg	25%
Manganese 8.92mg	390%

*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.

INULINA Y MIEL DE AGAVE S.A. de C.V.

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CERTIFICATIONS, REGISTERS & IMAG THIRD PARTY-STUDIES



FSSC 22000



FOOD SAFETY CERTIFICATE FSSC 22000.



NOP USDA (UNITED STATES), EU (EUROPEAN UNION).



KOSHER KMD CERTIFICATE.



HALAL CERTIFICATE.



THE VEGAN SOCIETY REGISTER.



FDA REGISTER, C-TPAT MEMBER.

INULINA Y MIEL DE AGAVE S.A. de C.V.