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# 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 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.

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#### **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.

## PHYISICOCHEMICALS PROPERTIES<sup>a</sup>

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/cm³)	0.23-0.25	Gravimetry
Aloin* (ppm)	≤ 1.0	HPLC-DAD**

<sup>\*</sup>Reconstituted solution 100:1 in water

#### CARBOHYDRATES AMOUNT & PROFILE<sup>a</sup>

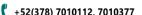
Data expressed in dry mass obtained by chromatographic analytical methods\*

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.

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







<sup>\*\*</sup>HPLC-DAD. High Performance Liquid Chromatography coupled to Diode Array Detector

<sup>\*</sup>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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# **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
Escherichia coli	Absent	FDA-BAM-Chap. 4
Salmonella sp.	Absent in 25 g	AOAC-989.13

a) Internal parameter

# **NUTRITIONAL CHART**

<b>Nutrition</b>		
Serving size	100g	
Amount per serving		
Calories	<u> 250</u>	
o.	% Daily Value*	
Total Fat 0g	0%	
Saturated Fat 0g	0%	
Trans Fat 0g		
Cholesterol Omg	0%	
Sodium 1570mg	68%	
Total Carbohydrate 67g	24%	
Dietary Fiber 12g	43%	
Total Sugars 13g		
Includes 0g Added Suga	ars 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.		

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# **CERTIFICATIONS, REGISTERS & IMAG THIRD PARTY-STUDIES**







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.