



## Agromayal Botanica, S.A. de C.V.

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### TECHNICAL DATA SHEET

Innovaloe Aloe Vera Gel Spray Dried Powder 200:1 Organic

Inci Name : Aloe Barbadensis Leaf Juice

Cas Number : 85507-69-3

Product Code : 0219

<b>Organoleptic</b>	<b>Specification</b>	<b>Analytic Method</b>
APPEARANCE	FINE HOMOGENEOUS POWDER	VISUAL
COLOR VISUAL	OFF WHITE TO LIGHT BEIGE	VISUAL
ODOR	LIGHT VEGETABLE	ORGANOLEPTIC
TASTE	ACIDIC, SALTY	ORGANOLEPTIC
<b>Physicochemical</b>	<b>Specification</b>	<b>Analytic Method</b>
PARTICLE SIZE	99% THROUGH NO. 100 MESH	CPA-024
COLOR GARDNER*	1 - 2	COLORIMETER
MOISTURE	NMT 8%	CPA-003
ASH	NMT 35%	CPA-008
PH*	4.0 - 5.0	CPA-002
SPECIFIC GRAVITY*	1.002 - 1.020	CPA-022
ALOIN CONTENT*	NMT 0.1 PPM	HPLC
<b>Microbiological</b>	<b>Specification</b>	<b>Analytic Method</b>
AEROBIC PLATE COUNT	NMT 500 CFU/G	BAM-FDA: CH. 3
MOLD AND YEAST	NMT 100 CFU/G	BAM-FDA: CH. 18
COLIFORMS	NEGATIVE	BAM-FDA: CH. 4
PATHOGENS	NEGATIVE	BAM-FDA: CH 12
<b>Other Analysis</b>	<b>Specification</b>	<b>Analytic Method</b>
PRESERVATIVES	NONE	NMR

\* RECONSTITUTED TO 0.5 % TOTAL SOLIDS SOLUTION.

SPECIES: Aloe vera (L.) Burm. f.

FAMILY (BOTANICAL): Liliaceae

PART USED: INNER GEL

SOLVENT, CARRIER AND ADDITIVE: NONE

EC: 305-181-2

RTECS: BC8058000

COUNTRY OF ORIGIN: MEXICO

FDA #: 14254543894

Note: Free of any adulterant such as maltodextrine, adulterant ethanol or adulterant impurities measured by NMR. This raw material is GMO free, TSE/BSE free, 100% natural, Allergen free, Ethylene Oxide free and irradiation free.

SHELF LIFE:

Shelf life of AMB's powders is 24 months from manufacturing date unopened, without exposure to sunlight and on a fresh and dry place. Keep in mind incorrect handling of material could cause contamination of the product. After the packaging of the product is opened, shelf life is not guaranteed and it is your responsibility to have the proper storage conditions and handling of the powder.

PACKAGING:

Packaging suitable for food grade. Standard packaging: 25 kg, double polyethylene bags inside a fiber drum. Other packaging sizes at a slight extra cost: 1 kg, 2 kg, 5 kg and 10 kg. We can also customize the packaging size that best fits your production needs.

STORAGE AND HANDLING CONDITIONS:

Unused portions should be kept in an airtight container and should not be exposed to moist environment to avoid caking.

Due to product being highly hygroscopic, for countries with a relative humidity (moisture levels) above 45%, particular attention should be paid to their moisture levels. When exposed to moist environment product could cake; without losing its properties. The use of desiccant material is recommended to avoid caking and preserve product properties.

A recommendation about stacking is that the maximum stacking level is of 5 drums, if you pile more than 4 drums it will cause the first fiber drum to crack.

Please note that the wrong handling of our packaging can result into the damage of the quality of the product. Damage because of forklift hits can produce leaks.