

Product Data Sheet

FRUCTAGAVE®PR95 Inulin from Blue Agave plant in powder presentation

Description

Agaviótica's FRUCTAGAVE®PR95 is an all natural functional food ingredient - a soluble dietary fiber/inulin. It is obtained by the physical process of extraction and purification of the Blue Agave Plant juice. The product is a white, flavor-natural, slightly sweet powder. FRUCTAGAVE®PR95 is certified Kosher.

Typical chemical composition

Dry matter content (d.m.)	95 ± 2 %
Ash content	≤ 0.2 %
Total carbohydrates	≥ 99.5 %
• Inulin/FOS	≥ 90 %
• Fructose	≤ 4 %
• Glucose	≤ 2 %
• Sucrose	≤ 4 %
Fat	None
Cholesterol	None
Caloric value	≤ 1.5 Kcal/g

All values are expressed on dry matter (d.m.)

Physical Properties

pH (10% Sol. in water)	5.0 – 7.5
Appearance	White, soft powder
Behavior	Hygroscopic
Taste	Neutral, slightly sweet
Wettability in water	Excellent
Dispersability in water	Excellent (may require agitation)
Density	0.400 – 0.600 g/ml
Particle Size	
• Mesh 80	Min 85 %

Microbiological Specifications

Total aerobic plate count	<500 CFU/g	Bacillus cereus	absent in 1g
Yeast and mold count	<10 CFU/g	Staphylococcus aureus	absent in 1g
Total coliform count	<10 CFU/g	Salmonella	absent in 25g

All values are expressed on dry matter (d.m.)

Micro-Elements

Iron	≤5
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Heavy Metals

Cadmium	not detected
Lead	not detected
Mercury	not detected
Arsenic	≤0.1

All values are expressed on p.p.m.

Packaging and Storage

Supplied in 25 Kg. multiwalled bags with plastic liner.

The product should be stored under dry conditions in its original bag. Direct exposure to high moisture environments should be avoided because of the hygroscopic conditions of the product.

Pesticide analysis

Chlorinated Hydrocarbon Organophosphate screen

(According to Pesticide Analytical Manual of 1971 with updates to the present)

Acetaldehydes	Non Detected *
Hexachlorobenzene - HCB	Non Detected **
BCH	Non Detected **
Lindane	Non Detected **
Heptachlor	Non Detected **
Aldrin	Non Detected **
Heptachlor Epoxide	Non Detected **
DDE	Non Detected **
Dieldrin	Non Detected **
Endrin	Non Detected **
DDD	Non Detected **
DDT	Non Detected **
Mirex	Non Detected **
Methoxychlor	Non Detected **
Chlordane	Non Detected **
PCB - Total	Non Detected **
Diazinon	Non Detected **
Methyl Parathion	Non Detected **
Malathion	Non Detected **

Ethyl Parathion	Non Detected **
Ethion	Non Detected **
Ronnel	Non Detected **
Sulficting Agents as SO ₂ , ppm	Non Detected ***

- * Detection Level, less than 0.01 ppb
- ** Detection Level, less than 0.01 ppm
- *** Detection Level, less than 10 ppm

While the suggestions and data contained herein are based on information believed to be reliable, the manufacturer makes no representations or warranties of any kind other than that the product conforms to the current specifications. Purchasers should determine for themselves whether suggested formulations, sample products or procedures are suitable for their own purposes.