



### *Opuntia ficus indica L. Mill*

## SPECIFICATIONS SHEET - REF. PFI200162

### MAIN CHARACTERISTICS

	Methods	Specifications
Appearance	Internal	microgranulated powder
Color	Internal	pink to orange
Manufacturing date	-	-
Odor	Internal	light
Nature	Internal	Soluble extract from fruit
Specific precaution	-	Hygroscopic powder
Taste	Internal	sweetened and characteristic of fruit
Organic farming	Certified by ECOCERT SAS - F 32600	conform

### ACTIVE INGREDIENTS

Betalains (%/RM)	Spectrophotometry	≥ 0,05
Indicaxanthin (%/RM)	Spectrophotometry	≥ 0,03

### MICROBIOLOGICAL

Enterobacteria (CFU/g)	NF ISO 21528 - 2 (37°C)	< 1 000
Escherichia coli (CFU/g)	Eur. Ph. 2000 adapted	negative
Total plate count (CFU/g)	NF ISO 4833	< 5 000
Yeasts and moulds (CFU/g)	AOAC 997.02	< 500
Salmonella (CFU/25g)	NF EN ISO 6579	negative
Staphylococcus aureus (CFU/g)	Eur. Ph. 2000 adapted	negative

### OTHER ANALYTICAL DATA

Ashes (%)	Internal	< 15
Apparent density (bulk & tap)	Eur.Ph [2.9.34]	> 0,3
Dry matter (%)	Eur.Ph.(2.2.32 - 105°C)	> 90
Granulometry (sieving) < 40 mesh (%)	Internal	> 90
Water solubility at 1% (%)	Internal	≥ 95

### CONTAMINANTS

Aflatoxin B1/B2/G1/G2 (ppb)	HPLC/MS	< 4
Arsenic (ppm)	Mineralization + ICP-MS	≤ 1
Cadmium (ppm)	Mineralization + ICP-MS	≤ 0,5
Mercury (ppm)	Mineralization + ICP-MS	< 0,1
Pesticides	Eur. Ph. [2.8.13]	complies
Lead (ppm)	Mineralisation + ICP-MS	≤ 3
Benzo[a]pyren / 4 HPA (sum) (ppb)	GC/MS	≤ 10 / ≤ 50

### STORAGE

Keep in a dry place at room temperature in original intact packing		36 months
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The information here above is based on our current knowledge. NEXIRA cannot be hold responsible besides the guarantees written on its supply contracts, based on the fact that it does not control the final use of this product. It is the buyer's responsibility to comply with local texts and laws regulating its activity and the use of this product.

RM = Raw Matter  
DM = Dry Matter  
CFU = Colony-Forming Unit