



Natural & Organic Farms  
Aloe Vera Raw Materials

## TDS / SPECIFICATIONS

Generic name: **NOPAL POWDER (organic certified)**

Specie: Opuntia Fiscus Indica.

Product Code: NPO200

Description: Nopal powder is made from 6 month till 2 year mature leafs , dehydrated by solar light, grounded to 1mm (granulometry), packed in polyethylene bags each of 25 kg. This Product is "Food Grade".

Test	Specification	Analytic Method
<b>Physical Assay</b>		
Texture	Fine powder	Organoleptic
Color	Light beige to greenish	Organoleptic
Odor	characteristic	Organoleptic
Taste	Slightly vegetable / characteristic	Organoleptic
Solubility	Formation of gel, partially soluble in water	-
Humidity	< 10 %	NMX F-83-1986
Fats	< 2 %	NMX-F-615-NORMEX-2004
Protein	≥ 5 %	NMX-F 608-NORMEX-2002
Dietary Fiber	> 30 %	NOM-086-SSA1-1994
Total Carbohydrates	> 50 %	Variance
<b>Types of Fibers</b>		
	<b>Quantity ( % )</b>	
Insoluble Fiber	28.45	
Soluble Fiber	14.54	
Dietary Fiber	42.9	
<b>Microbiological Analysis</b>		
Mesophilic Anaerobic	6,320 UFC/GR	NOM 092-SSA1-1994
Coliform Test	< 10 UFC/GR	NOM 113-SSA1-1994
Yeast and Mold	< 10 UFC/GR	NOM 111-SSA1-1994
<b>Heavy Metals</b>		
Cadmium	Not Detected / UNITED: MG/KG	NOM 117-SSA1-1994
Lead	Not Detected / UNITED: MG/KG	NOM 117-SSA1-1994
Mercury	Not Detected / UNITED: MG/KG	NMX AA-051-SCFI-2001

**STORAGE:** The nopal powder is susceptible to decolorize by sun light exposure and also hygroscopic, therefore keep the product in a dry place and away from direct day light.

**SHELF LIFE:** 2 years following storage instructions.