

## Specification Sheet



### **Nopal Standardized Powder**

**Product name** : Gluco-Nopa®      **Product Code**: GN      **Issue Date**: Oct 1, 2009  
**Possible claims**\*: Researchers believe that Nopal has a hypoglycemic effect on obesity, insulin-resistant Type 2 Diabetic patients, while lowering serum levels of low-density cholesterol and triglycerides. Nopal is rich in pectin (a soluble fiber), but in addition to fiber-related inhibition of glucose absorption, fasting glucose is also believed to be significantly lowered, indicating that Nopal also has the highly beneficial effect of increasing the body's sensitivity of insulin. It was also believed that Nopal may increase energy, circulation, arthritic & urinary functions, it may also help digestion & decrease tendency to gain weight.  
**Suggested dosage**: variable- no set data      **Parts used**: leaves of cactus  
**Botanical name**: Opuntia Ficus Indica.      **Source**: Mexico  
**Extraction**: Water & Ethanol (mostly water)      **Residue solvent**: <50ppm

**Active Ingredients**: 18 amino acids, unsaturated fats, & soluble fiber i.e. pectin

<b><u>Ash</u></b>	<b>&lt;30.0%</b>
<b><u>Moisture</u></b>	<b>&lt;7.0%</b>
<b><u>Solubility</u></b>	<b>insoluble</b>
<b><u>Color</u></b>	<b>creamy beige</b>
<b><u>Odor &amp; Taste</u></b>	<b>Characteristic</b>
<b><u>Appearance</u></b>	<b>Fine powder</b>
<b><u>Mesh size</u></b>	<b>100% through 80 mesh</b>
<b><u>Heavy Metals</u></b>	<b>&lt;10ppm</b>
<b><u>Packaging</u></b>	<b>10-20 kg drums</b>
<b><u>Micobiological</u></b>	
<b>Total Plate Count</b>	<b>&lt;100000 cfu/g</b>
<b>Yeast &amp; Mold</b>	<b>&lt;1,000 cfu/g</b>
<b>E Coli</b>	<b>Neg</b>
<b>Salmonella</b>	<b>Neg</b>
<b>Staph Aureus</b>	<b>Neg</b>

**Storage & Handling**

Store in a cool, & dry area. All containers should be kept tightly sealed, & protected from contamination. It has 2 yr shelf life in proper storage (15-25°C)

\*This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.