



# Technical Data Sheet

## Aloe Ferox Gel Powder Concentrate

Product Code: GP200:1

### Chemical Description

Aloe ferox powder is a spray-dried, bitter free extract of the inner gel of the Cape Aloe (*Aloe ferox*). It comprises of mainly polysaccharides but also other plant components such as amino acids and minerals. Multodextrin, or Lactose, or Purac Powder is added as carrier to create a standard 200:1 concentrate with reference to natural aloe gel.

### CAS Number

Not assigned

### INCI Designation

Aloe Ferox Leaf Extract

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### Product Description and Applications

Skincare: Creams and lotions  
Cosmetic: Facial products  
Food: Juices and Beverages  
Health: Medicines and supplements.

Water-soluble aloe polysaccharides at 200 times the natural level can be incorporated into the water phase of any formulation by substituting the extract for a portion of the water content

Can be incorporated in all types of skin lotions, skin creams, regenerating gels, facial tonics, after shaves, shampoos, suntan lotions, sunburn protective, balms for skin irritation, as well as beverages and health supplements/tonics.

### Specifications

Appearance	Fine powder
Colour	White to off –white
Consistency	Homogenous
Taste	Bland
Ash	<7%
Organic Components	>50% (*)
Aloin	<0.001%
Dispersion rate	<15 Minutes
Preservatives	None
Pathogens	Absent
Coliforms	Absent
pH (1 mg/20 ml)	4.5 – 5.5

### Limits

### Typical Properties

Solubility Water

### Packaging

Standard sample size is 4 gram

Small size: 200 g tubs

Bulk size: 1.0, 2.0 2.5 and 10 kg buckets

### Storage and Handling

Store in an airtight container at <25°C free from moisture and direct sunlight.. Avoid prolonged direct sunlight.

Shelf life: Unopened = 3 years

Opened: Depend on storage.

Please refer to the Material Safety Data Sheet (MSDS) for this product for instructions on safe and proper handling and disposal.

### (\*) Organic Components

Include Polysaccharides, amino acids and other organic matter.