

TECHNICAL DATA SHEET



ALOE FEROX LIQUID GEL (50:1)

Product Code: ALG, ALG5, ALG20

Chemical Description

Aloe ferox gel/pectin concentrate is a bitter-free extract from the leaves of the Cape Aloe (*Aloe ferox*). It comprises of mainly pectic polysaccharides but may also contain other plant components and minerals. It is the base product from which the *Aloe ferox* drinks are made.

CAS Number

Not assigned

INCI Designation

Aloe Ferox Leaf Extract

Organic Aloe (Pty) Ltd

39 Industrial Avenue,
Albertinia, South Africa 6695

Phone: +27 (0)28 735 1557

Fax: +27 (0)28 735 1557

chris@organicaloe.co.za www.organicaloe.co.za

Product Description and Applications



Skincare: Creams and lotions
Cosmetic: Facial products



Food: Juices and Beverages



Health: Medicines and Supplements



Animal Care: Antiparasitic remedies

Water-soluble aloe polysaccharides at 50 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 into all types of skin lotions, skin creams, regenerating gels, facial tonics, aftershaves, shampoos, suntan lotions, balms for skin irritation, as well as beverages and health supplements.

Specifications

Appearance

Dark/Light brown liquid with suspended blobs of jelly.

Taste

Bland

Ash

>0.5:<7 g/100g

Calcium (CA)

>500:<1200 mg/1000g

Copper (Cu)

>0:<0.3 mg/1000g

Iron (Fe)

>6:<15 mg/1000g

Magnesium (Mg)

>100:<300 mg/1000g

Manganese (Mn)

>5:<12 mg/1000g

Moisture

>60:<100 g/100g

Potassium (K)

>7000:<11 000 mg/lt

Aloin

None

Sugar

None

Protein

>0.1:<0.2 g/100g

Kilojoules (kJ)

>30:<80 kJ/100g

Dispersion rate

>5:<15 Minutes

Preservatives

Customer's Choice*

Pathogens

Absent

pH

5.5 – 7.5

*Benzoates, Sorbates, Natamycin ect.

Packaging

Standard sample size is 200 gram

Small size: 1 kg tubs

Bulk size: 5 kg and 20 kg buckets

Storage and Handling

Store in an airtight container at <15°C free from moisture and direct sunlight. Avoid prolonged exposure to direct sunlight. Shelf life - Unopened: 6 months (if preserved). Opened: Depend on storage, but up to 7 days.

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