

## Aloe Ferox Liquid Jelly Concentrate

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 mainly comprises 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](mailto:chris@organicaloe.co.za)

[www.organicaloe.co.za](http://www.organicaloe.co.za)

### Product Description and Applications

Skincare: Creams and Lotions  
Cosmetic: Facial Products  
Food: Juices and Beverages  
Health: Medicines and Supplements

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

Specifications	Limits
Appearance	Light/Dark brown liquid with suspended blobs of jelly
Taste	Bland
Ash	<7%
Potassium (K)	>10 000 mg/lit
Aloin	<0.002%
Dispersion rate	<15 Minutes
Preservatives	Customer's Choice*
Pathogens	Absent
pH	5.5 – 7.5

\*Benzoates, Sorbates, Natamycin, etc.

### Packaging

Standard sample size is 200 gram  
Small size: 1 kg tubs  
Bulk size: 5 kg and 20 kg buckets

### Storage and Handling

Store refrigerated in an airtight container at <15°C.  
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.

## Aloe Ferox Bitter Powder

Product Code: BPL, BPL1 and BPL8

### Chemical Description

*Aloe ferox* bitter powder is the spray-dried, bitter sap (latex) tapped from the leaves of the Cape Aloe (*Aloe ferox*). It mainly comprises aloin (also known as barbaloin) and various other plant metabolites such as flavones and anthrones, various phenolic and resinous substances and minerals. There are no additives.

### CAS Number

Not assigned  
INCI Designation

### Aloe Ferox Leaf Juice Powder

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](mailto:chris@organicaloe.co.za)

[www.organicaloe.co.za](http://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

It can be incorporated into various personal care and cosmetic products. It has also been used in tonics and health supplements. As a pharmaceutical ingredient it is similar to Aloe lump (Cape Aloe – USP), but dried differently.

It is used in medicines for its laxative effect. It has found application in veterinary products for its antiparasitic (endo- and exoparasites) activity. It can be used in pet shampoos and sprays. It is incorporated into licks for cattle.

It has been shown to be effective against *Haemonchus contortus* and *Trichostrongylus colubriformis*, parasites found in livestock and non-toxic up to concentrations of 20 g/kg. As a result of its phenolic ingredients it shows antimicrobial activity.

**Warning:** The product has a strong laxative effect. Not to be used by pregnant and breast-feeding woman.

### Specifications

Appearance	Fine yellow powder
Consistency	Homogenous
Taste	Extremely Bitter
Moisture	<5%
Ash	<7%
Aloin	>18%
Dispersion rate	<15 Minutes
Preservatives	None

### Limits

### Typical Properties

Partly soluble in hot water  
Soluble in alcohol

### Packaging

Standard sample size is 4 gram  
Small size: 1 kg  
Bulk size: 8 kg per box

### Storage and Handling

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

### Shelf life

**Unopened:** 2 years

**Opened:** Depends on storage

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

## Aloe Ferox Bitter Lump (“Crystal”)

Product Code: BBC, BBC1 and BBC20

### Chemical Description

Aloe ferox bitter lump is the dried bitter sap (latex) tapped from the leaves of the Cape Aloe (*Aloe ferox*). The sap is concentrated by evaporation of the water until it crystallises as it cools. It mainly comprises aloin (also known as barbaloin) but also various other plant metabolites such as flavones and anthrones, various phenolic and resinous substances, and minerals. There are no additives.

### CAS Number

Not assigned

INCI Designation

### Aloe Ferox Leaf Juice

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](mailto:chris@organicaloe.co.za)

[www.organicaloe.co.za](http://www.organicaloe.co.za)

### Product Description and Applications

Health: Medicines and Supplements

Animal care: Antiparasitic remedies

It has also been used in tonics and health supplements. A monograph on pharmaceutical grade bitters, Aloe or Cape Aloe can be found in Pharmacopoeias like the BP, USP and DAB where it is presented as a medicinal ingredient. It is used in medicines for its laxative effect.

It has found application in veterinary products for its antiparasitic (endo- and exoparasites) activity. It can be used in pet shampoos and sprays. It is incorporated into licks for cattle.

It has been shown to be effective against *Haemonchus contortus* and *Trichostrongylus colubriformis*, parasites found in livestock and non-toxic up to concentrations of 20 g/kg. As a result of its phenolic ingredients it shows antimicrobial activity.

**Warning:** The product has a strong laxative effect. Not to be used by pregnant and breast-feeding woman or children.

### Specifications

Appearance

Dark brown crystalline lumps with a green to yellow hue

Taste

Extremely Bitter

Moisture

<15%

Ash

<7%

Aloin

>18%

Solids

>80%

Preservatives

None

### Typical Properties

Partially soluble in hot water

Soluble in alcohol

### Packaging

Standard sample size is 4 gram

Small size: 1 kg

Bulk size: 20 kg per box

### Storage and Handling

Store in an airtight container at <25°C

away from moisture and direct sunlight.

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

## 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 mainly comprises polysaccharides and other plant components such as amino acids and minerals. Multodextrine, or Lactose, or Purac Powder is added as a carrier to create a standard 200:1 concentrate with reference to natural aloe gel.

### 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](mailto:chris@organicaloe.co.za)

[www.organicaloe.co.za](http://www.organicaloe.co.za)

### 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 and 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 exposure to direct sunlight.

### Shelf life

**Unopened** = 3 years

**Opened**: Depends 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.

## Aloe Ferox Bitter Drink

Product Code: HDBit

### Chemical Description

*Aloe ferox* drink with bitter is formulated from an extract of the leaves from the Cape Aloe (*Aloe ferox*). It mainly comprises polysaccharides but may also contain other plant components and minerals.

Aloe bitters, citric acid and preservatives have been added.

### 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](mailto:chris@organicaloe.co.za)

[www.organicaloe.co.za](http://www.organicaloe.co.za)

### Product Description and Applications

Food: Juices and Beverages  
Health: Medicines and Supplements

Can be consumed as a beverage and can serve as a food supplement or source of soluble fibre for digestive or health applications. It has a bitter taste.

### Warnings

\*Could have a laxative effect

\*Not for children under 12 years of age

\*Not for pregnant and breast-feeding women

### Specifications

Appearance	Light/Dark brown liquid with suspended blobs of jelly
Aloin	<0.2%
Potassium (K)	>1000 mg/lit
Taste	Bitter
Specific Gravity	1.00 – 1.02
TMA	<100 cfu
Pathogens	Absent
Preservatives	
<i>Sodium benzoate</i>	0.05%
<i>Potassium sorbate</i>	0.05%
Coliforms	Absent
pH	4.2 – 4.7

### Packaging

Standard sample size is 250 ml  
500 ml (20 or 24 bottles per Box)  
1 Lt bottles (12 per Box)  
1 Lt Can (15 per box)  
2 Lt Can (10 per Box)  
5 Lt cans  
25 Lt plastic drums

### Storage and Handling

Store in an airtight container at <25°C  
away from direct sunlight.  
Keep refrigerated once opened.

### Shelf life

**Unopened:** 12 months

**Opened:** 14 days, if kept refrigerated

## Aloe Ferox Liquid Drink

Product Code: HDPlain

---

### Chemical Description

*Aloe ferox* liquid drink is formulated from a bitter-free extract of the leaves of the Cape Aloe (*Aloe ferox*). It mainly comprises pectic polysaccharides but may also contain other plant components and minerals. Citric acid, potassium citrate, and preservatives have been added.

### 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](mailto:chris@organicaloe.co.za)

[www.organicaloe.co.za](http://www.organicaloe.co.za)

### Product Description and Applications

Food: Juices and Beverages  
Health: Medicines and supplements

Can be consumed as a beverage and can serve as a food supplement or source of soluble fibre for digestive or health applications. It is not flavoured or sweetened.

### Specifications

Appearance	Light/dark brown liquid
Aloin	<0.001% (<1.5 ppm)
Potassium (K)	>1000 mg/lit
Taste	Bland
Specific Gravity	1.00 – 1.02
TMA	<100 cfu
Pathogens	Absent
Preservatives:	
<i>Sodium benzoate</i>	0.05%
<i>Potassium sorbate</i>	0.05%
Coliforms	Absent
pH	4.2 – 4.7

### Packaging

Standard sample size is 250 ml  
250 ml, 500 ml, and 1 lt bottles  
2 lt and 5 lt cans  
25 lt plastic drums

### Storage and Handling

Store in an airtight container at <25°C  
away from direct sunlight.  
Keep refrigerated once opened.

### Shelf life

**Unopened:** 12 months

**Opened:** 14 days, if kept refrigerated

## Aloe Ferox Whole Leaf Fibre

Product Code: BlkTea, Atea, BFP and Teabag

---

### Chemical Description

Milled *Aloe ferox* (Cape Aloe) leaves, sun or oven dried. The leaf fibre is milled to "tea leaf" texture and includes residual components of the inner gel and bitters. No additives.

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](mailto:chris@organicaloe.co.za)  
[www.organicaloe.co.za](http://www.organicaloe.co.za)

### Product Description and Applications

Food: Juices and Beverages  
Health: Medicines and Supplements.

This aloe "tea" can be drawn like any other tea and enjoyed as a warm or cold drink. Could have a laxative effect if large volumes are consumed.

The fibre can be added to tablet and capsule formulations for fibre supplements and digestive products. Also for detoxification applications.

Can be incorporated in animal food and supplements

### Warning

The product may have a laxative effect and should not be consumed when pregnant, or breast-feeding.

### Specifications

Specifications	Limits
Appearance	Dry fibre particles
Colour	Brown/dark brown
Taste	Slightly bitter
L.O.D.	<20%
Ash	<2.5%
Aloin	<0.1%
Preservatives	None
Pathogens	Absent

### Packaging

Standard sample size is 200 gram  
Small size  
250 g Tubs (+70 g fibre per tub)  
Tagless Teabags (20 bags per Pouch, 100 pouches per box)  
Bulk size: 1 kg, 5 kg and 10 kg per box

### Storage and Handling

Store free from moisture and dampness.

#### Shelf life

**Unopened** Up to 24 months if kept dry.  
**Opened:** Depends on storage, up to 12 months.

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

## Aloe Ferox Drink with Vitamin C

Product Code: HDVCH

### Chemical Description

*Aloe ferox* liquid drink is formulated from a bitter-free extract of the leaves of the Cape Aloe (*Aloe ferox*). It mainly comprises pectic polysaccharides but may also contain other plant components and minerals. Citric acid, potassium citrate, ascorbic acid (2%), and preservatives have been added.

### 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](mailto:chris@organicaloe.co.za)

[www.organicaloe.co.za](http://www.organicaloe.co.za)

### Product Description and Applications

Food: Juices and Beverages  
Health: Medicines and supplements

Can be consumed as a beverage and serve as a food supplement or source of soluble fibre for digestive or health applications. It is not flavoured or sweetened.

### Specifications

Appearance	Light/Dark brown liquid
Aloin	<0.001% (<1.5 ppm)
Potassium (K)	>3000 mg/lt
Taste	Slightly sour
Specific Gravity	1.01 – 1.05
TMA	<100 cfu
Pathogens	Absent
Preservatives:	
<i>Sodium benzoate</i>	0.05%
<i>Potassium sorbate</i>	0.05%
Coliforms	Absent
pH	4.2 – 4.7

### Limits

### Packaging

Standard sample size is 250 ml  
500 ml and 1 lt bottles  
1 lt, 2 lt, and 5 lt cans  
25 lt plastic drums

### Storage and Handling

Store in an airtight container at <25°C  
away from direct sunlight.  
Keep refrigerated once opened.

### Shelf life

**Unopened:** 12 months

**Opened:** 14 days, if kept refrigerated