



Technical Data Sheet

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 comprises of mainly aloin (also known as barbaloin) but also various other plant metabolites such as flavones and anthrones, various phenolic and resinous substances, and minerals. No additives are added.

CAS Number

Not assigned

INCI Designation

Aloe Ferox Leaf Juice Powder

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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), only 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

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

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: Depend on storage

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