

TECHNICAL DATA SHEET

Purerbe™ Aloe Vera Extract

10:1

Chemical Properties

Plant source: *Aloe vera*

Extract ratio: 10:1

Solvents Used: Water

Part Used: Stem

Description

Aloe vera is typically obtained from the leaves of aloe plants. Historically, it has been believed that aloe vera improves wound-healing and skin inflammation. Aloe vera extract or aloe barbadensis leaf extract is a substance derived from the leaves of the aloe vera plant.

Solubility

It is soluble in water.

Specification

Item	Specification	Test Method
Appearance	Yellow Brown Fine Powder	Visual
Odor	Characteristic	Organoleptic
Identification	Identical to R.S. sample	HPTLC
Particle Size	Min 95% through 80 mesh	USP34<786>
Loss on Drying	Max 5.0%	Eur.Ph.7.0 [2.8.17]
Total Ash	Max 10.0%	Eur.Ph.7.0 [2.4.16]
Bulk Density	40-60g/100ml	Eur.Ph.7.0 [2.9.15]
Tap density	60~90g/100mL	Eur.Ph.7.0 [2.9.15]
Lead(Pb)	Max 3.0ppm	Eur.Ph.7.0<2.2.58>ICP-MS
Arsenic(As)	Max 2.0ppm	Eur.Ph.7.0<2.2.58>ICP-MS
Cadmium(Cd)	Max 1.0ppm	Eur.Ph.7.0<2.2.58>ICP-MS
Mercury(Hg)	Max 0.1ppm	Eur.Ph.7.0<2.2.58>ICP-MS
Solvents Residue	Meet Eur.Ph.7.0 <5.4>	Eur.Ph 7.0<2.4.24>
Total Plate Count	Max 10,000cfu/g	USP34 <61>
Yeasts & Molds	Max 1,000cfu/g	USP34 <61>
<i>E.Coli</i>	Negative	USP34 <62>
<i>Salmonella</i>	Negative	USP34 <62>

Ingredients

Aloe Vera Extract

Labeling

In the United States and the European Union: Aloe Vera Extract

Functions

- 1). Bactericidal and anti-inflammatory effects
- 2). Invigorating stomach and relieving diarrhea
- 3). Anticancer effect
- 4). Beauty efficacy
- 5). Enhance body immunity

Applications

It can be used in medicine, cosmetics, health care, food and so on.

Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

Handling recommendations

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Packaging, Storage & Shelf Life

Package	25kg/drum, Packed in paper drums and two plastic bags inside; or according to customers' requirements.
Storage	Store in a well-closed container away from moisture, light, oxygen.
Shelf life	2 years under the conditions above and in its original packaging.