

TECHNICAL DATA SHEET

Purerbe™ Aloe Vera Extract

10:1

Chemical Properties

Plant source: *Aloe vera* L.

Extract ratio: 10:1

Extraction solvent: Ethanol & Water

Drying Method: Spray Drying

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	White fine powder	Visual
Odor & taste	Characteristic	Organoleptic
Identification(TLC)	Identical to R.S. sample	In-house
Particle Size	Min 98% through 80 mesh	CP2015
Bulk Density	40-60g/100ml	CP2015
Loss on Drying	Max 5.0%	CP2015
Heavy metals	Max 20ppm	CP2015
Lead(Pb)	Max 2ppm	CP2015
Arsenic(As)	Max 2ppm	CP2015
Total Plate Count	Max 1,000cfu/g	CP2015
Total Yeast & Mold	Max 100cfu/g	CP2015
<i>E. Coli</i>	Negative	CP2015
<i>Salmonella</i>	Negative	CP2015
<i>Staphylococcus</i>	Negative	CP2015

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	Stored in well-closed container away from moisture and direct sunlight.
Shelf life	2 years if sealed and stored properly.