

TECHNICAL DATA SHEET

Purerbe™ Aloe Vera Gel Freeze Dried Powder

200:1

Chemical Properties

Botanical Source: *Aloe barbadensis miller*

Description

Aloe Vera gel contains a combination of powerful organic compounds. The delicate freeze-drying process helps preserve the delicate gel components and creates an easily dissolving powder as a suncare ingredient, dietary supplement ingredient, beverage ingredient and cosmetic ingredient.

Solubility

It is soluble in water.

Specification

Item	Specification	Method
Appearance	Clear to off-white powder with a flavor of light aloe vegetable. Color unchanged or lightly changed under ultraviolet shining for 6 hours.	Organoleptic
Aloverose	Min 8000mg/100g	QB/T 2489-2007
Aloin(0.5% solution)	Max 0.1mg/100g	QB/T 2489-2007
Absorbancy(0.5%,400nm)	Max 0.2	QB/T 2489-2007
pH(0.5%)	3.5~4.7	QB/T 2489-2007
Moisture	Max 5%	GB 5009.3-2010
Total bacterial count	Max 1000cfu/g	GB 4789.2-2010
Coliform	Max 3MPN/100g	GB 4789.2-2010
Mildew	Max 50cfu/g	GB 4789.15-2010
Yeast	Max 50cfu/g	GB 4789.15-2010
Pathogenic bacterium	Negative	QB/T 2489-2007

Ingredients

Aloe Vera Gel Freeze Dried Powder

Labeling

In the United States and the European Union: Aloe Vera Gel Freeze Dried Powder

Applications

Aloe vera gel can be used in a wide range of food products. It is presently used in health drinks, sports

beverages, soft drinks, candies and chewing gum, yogurts, wet-wipes, facial tissues and many personal care and animal care products. It has also been used to prepare a hangover remedy.

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	1kg/bag,20kg/drum;or according to customers' requirements.
Storage	Store in a well-closed container away from moisture and direct sunlight.
Shelf life	3 years if sealed and stored properly.