

TECHNICAL DATA SHEET

Saw Palmetto Extract

Fatty Acids 25%

Chemical Properties

Plant source: *Serenoa repens*

Used part: Berry

Extract Solvent: Ethanol & Water

Drying Method: Spary Drying

Description

Saw palmetto extract is made from the berry of the saw palmetto plant, Historians believe that this berry has been used for both food and medicinal purposes for centuries despite the bitter flavor and challenges of harvesting the fruit.

Solubility

It is insoluble in water.

Specification

Item	Specification	Test Method
Appearance	White Fine Powder	Visual
Odor & taste	Characteristic	Organoleptic
Fatty Acids	Min 25%	GC
Loss on Drying	Max 5.0%	5g/105°C/2hrs
Total ash	Max 10%	Burning(3g/520°C/5hrs)
Particle Size	Min 98% through 80 mesh	80 Mesh Screen
Bulk Density	40~60g/100mL	Measuring Cylinder
Total Heavy Metals	Max 20ppm	Burning(3g/520°C/5hrs)
Lead	Max 2.0ppm	AtomicAbsorption
Arsenic	Max 2.0ppm	AtomicAbsorption
Total Aerobic Count	Max 1000cfu/g	CP2010
Mold & Yeast	Max 100cfu/g	CP2010
<i>E.Coli</i>	Negative	CP2010
<i>Salmonella</i>	Negative	CP2010
<i>Staphylococcus</i>	Negative	CP2010

Ingredients

Saw Palmetto Extract Fatty Acids 25%

Kangcare Bioindustry Co.,Ltd
TEL:+86(0)25 84650384 FAX: +86(0)25 84650149
Web:www.kangcare.com

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E.N:B/0
制作人/修改人: 彭欢欢

Product Code 222311
Revision Date Jul.03, 2019
Approved Date Jul.03, 2019
负责人: 徐立人

Labeling

In the United States and the European Union: Saw Palmetto Extract

Functions

- 1) Relieve many symptoms of BPH (benign prostatic hyperplasia) including difficult urination, excessive urination (frequent urge to urinate), nocturia (frequent urination at night), residual urine (incomplete emptying of the bladder).
- 2) Improve BPH by counteracting inflammation, muscle spasms, and edema (swelling) of the prostate.

Applications

Functional Food; Beverage; Cosmetic; Pharmaceutical.

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; or according to customers' requirements.
Storage	Store in a cool dry place, avoiding sunlight directly.
Shelf life	2 years if sealed and stored properly.