

TECHNICAL DATA SHEET

Saw Palmetto Extract

Fatty Acids 45%

Chemical Properties

Plant source: *Serenoa repens*

Used part: Berries

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	Method
Appearance	Off-White to White Fine Powder	Organoleptic
Odor & taste	Characteristic	Organoleptic
Identification	Positive	TLC
Fatty acids	Min 45.0%	GC
Loss on Drying	Max 5%	USP31
Ash	Max 5%	USP31
Particle Size	Min 95% through 60 mesh	USP31
Bulk Density	0.40-0.70g/ml	USP31
Lead	Max 0.5ppm	USP31/AAS
Arsenic	Max 1.0ppm	USP31/AAS
Cadmium	Max 1.0ppm	USP31/AAS
Mercury	Max 0.1ppm	USP31/AAS
Solvents Residue	Meet the requirements	USP <561>
Pesticides Residue	Meet the requirements	USP <467>
Total Plate Count	Max 1000cfu/g	USP31
Mold & Yeast	Max 100cfu/g	USP31
<i>E.Coli</i>	Negative	USP31
<i>Salmonella</i>	Negative	USP31

Ingredients

Saw Palmetto Extract Fatty Acids 45%

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