



MTC Industries
Ingredients Innovation since 1994

Saw Palmetto Oil 85%

Description

Saw palmetto oil is an extract of the fruit of the saw palmetto. Saw palmetto extract has been studied as a possible treatment for people with prostate cancer and for men with lower urinary tract symptoms associated with Benign prostatic hyperplasia (BPH).*

Applications

- May help in the recover of prostate surgery (transurethral resection of the prostate or TURP)
- May help male pattern baldness (androgenic alopecia)
- May help a condition that causes persistent pelvic pain, urinary problems, and sexual problems (chronic prostatitis and chronic pelvic pain syndrome)
- May help swelling (inflammation) of the prostate due to infection
- May help the prevention of prostate cancer

Storage & Packaging

Store in tight, light resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

178kg/drum

TEST ITEMS	SPECIFICATIONS	METHODS
Appearance	Orange to Brown red clear oil	Visual
Odor	Characteristic	Organoleptic
Identification (HPTLC)	Positive reaction	USP<201>
Water	< 0.4%	USP<921>
Specific Gravity (20°C)	0.8900- 0.9100	USP<841>
Refraction Index (25°C)	1.400-1.500	USP<831>
Saponification value	210-250	USP<401>
Acid value	150.0-220.0 mgKOH/g	USP<401>
Unsaponifiable matters	1.8%-3.5%	USP<401>
Peroxide value	< 5.0 meq/kg	USP<401>
Iodine value	40-50	USP<401>
Arsenic (As)	< 1.0ppm	USP<232>/ICP-MS
Lead (Pb)	< 0.5ppm	USP<232>/ICP-MS
Mercury (Hg)	< 0.1ppm	USP<232>/ICP-MS
Cadmium (Cd)	< 1.0ppm	USP<232>/ICP-MS
Pesticides residues	Meets the requirements	USP <561>
Assay: (by GC)		
Total Fatty Acids	>85.0%	USP<621>/GC
Long-chain alcohols	0.15-0.35%	USP<621>/GC
Total Sterols	0.2%- 0.4%	USP<621>/GC
β-sitosterol	> 0.10%	USP<621>/GC
Lauric acid	28%-32%	
Caproic acid	9.0-40	
Caprylic acid	8.5-17.5	
Capric acid	9.0-16	
Myristic acid	2.2-2.8	
Palmitic acid	2.8-3.9	
Stearic acid	13-20	
Oleic acid	0.60-1.15	
Linoleic acid	4.0-8.0	
Linolenic acid	35-60	
Total fatty acid		
Microbial		
Total Plate Count	<1,000 cfu/g	USP<2021>
Yeast and Mold	< 100 cfu/g	USP<2021>
E. Coli	Negative	USP<2022>
Salmonella	Negative	USP<2021>

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Certificates

ISO 9001, ISO 22000, HACCP, Kosher, and Halal

*These statements have not been evaluated by the Food & Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

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