



HETAKSH ESSENTIAL OILS

An ISO 9001:2015 and GMP Certified company

CERTIFICATE OF ANALYSIS

Product : Saw Palmetto Oil
Lot No : HEE-15052325
Mfg. Date : 15.05.23
Exp. Date : 14.05.25
Extraction Process : Cold Pressed

Sr. No.	Parameters	Specification (USP)	Results
I	Description Physical	Yellow colour liquid Extract	Complies
II.	Odour	Intensive and specific	Confirms
III	Taste	Characteristic aromatic	Confirms
IV	Solubility	Insoluble in water. Miscible with fatty oils and far-soluble organic solvents	Confirms
V	Identity Fatty Acid (Fingerprint)	Conforms to lauric acid	Confirms
VI	Assay / Phytosterol		
	Stigma Sterol	0.01-0.10%	0.04
	Campesterol	0.01-0.10%	0.04
	β -Sitosterol	0.10-0.25%	0.15
	Sterol Total	0.20-0.50%	0.23
VII	Assay / Fatty Acids:		
	Total Fatty Acid	Minimum 85%	94.6%
VIII	Water Content	Not More Than 1%	0.01%
IX	Peroxide Value	Not More Than 5	1.1
X	Acid Value	Less than 230	Complies
XI	Saponification Value	210 to 250	234
XII	Iodine Value	35 to 55	38.9
XIII	Microbiology		
	Total Plate Count	Less than 1000 cfu/g	Confirms
	Yeast and Mold	Less than 100 cfu/g	Confirms
	E-Coli	Negative	Confirms
	Staphylococcus	Negative	Confirms
	Pseudomonas	Negative	Confirms
	Salmonella	Negative	Confirms
XIV	Heavy Metals		
	Lead	NMT 1.0 ppm	Complies
	Cadmium	NMT 1.0 ppm	Complies
	Mercury	NMT 0.1 ppm	Complies
	Arsenic	NMT 1.0 ppm	Complies

CONTACT :

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