

# Specification Sheet

## *Saw Palmetto Extract Powder*

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### General Information

Product Name	Saw Palmetto Extract Powder
CAS#	NA
Origin Country	China
Raw Material Type	Botanical Raw Powder
Package	25kg/Drum (N.W.)

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### Regulatory Compliance

Non-GMO	Compliant
Non-Irradiation	Compliant
Non-Ethylene Oxide	Compliant
Non-BSE/TSE	Compliant
Components	Saw Palmetto Extract
Allergens	None
Others	Free of gluten, animal derivatives, artificial flavors, sugar, milk

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### Source Material

Genus & Species	<i>Serenoa repens</i>
Plant Part	Dried Aerial Part
Common Name	Saw Palmetto Extract

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### Process Information

Production Method	Physical
Extract Solvent / Solvent Ratio	NA
Herb to Native Extract Ratio	NA
Residual Solvent	None

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### Other Information

Shelf Life	24 months
Storage Conditions	Room temperature, sheltered from light, moisture and oxygen.
Notes	<ol style="list-style-type: none"><li>1. It is a natural product, there is likely to be minor color variation from batch to batch of the product because of the geographical and seasonal variations of the raw material.</li><li>2. Natural products can be hygroscopic and tend to agglomerate depending on the nature of the product. It is suggested to sift before use.</li><li>3. It's important that you carefully check the above details against your own label claim.</li><li>4. Heavy metals are tested outside by ICP-MS as per AOAC Standard.</li></ol>

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<b>Physical Analysis</b>	<b>Specification</b>	<b>Method</b>
Identification	Positive	HPTLC (Alkemist)
Fatty Acid	NLT 45%	GC
Appearance	White Fine Powder	Visual
Odor	Characteristic	Organoleptic
Taste	Characteristic	Olfactory
Bulk Density	0.30 - 0.60g/ml	USP <616>
Particle Size	NLT 95% Pass 80mesh	USP <786>
Moisture	NMT 5.0%	USP <731>

<b>Heavy Metals</b>	<b>Specification</b>	<b>Method</b>
Lead (Pb)	NMT 1.0 ppm	AOAC 993.14
Arsenic (As)	NMT 2.0 ppm	AOAC 993.14
Mercury (Hg)	NMT 0.5 ppm	AOAC 993.14
Cadmium (Cd)	NMT 1.0 ppm	AOAC 993.14

<b>Microbiologicals</b>	<b>Specification</b>	<b>Method</b>
Total Plate Count	NMT 10,000 cfu/g	USP <2021>
Yeast and Mold	NMT 1,000 cfu/g	USP <2021>
E. Coli	Negative/10g	USP <2022>
Salmonella	Negative/10g	USP <2022>
Staphylococcus	Negative/10g	USP <2022>

