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Certificate of Analysis

Product Name: Saw Palmetto Extract

Batch No.: 20200301

Botanical Source: *Serenoa repens*

Manufacture Date: Mar. 01, 2020

Non-Irradiated/Non-ETO/Treat by Heat Only

Country of Origin: P. R. China

Plant Parts: Fruit

Expired Date: Feb. 28, 2022

Analysis Item	Specification	Result	Method
Total Fatty Acid	≥ 45.0%	45.52%	GC
Appearance	White fine powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Identification	Positive	Complies	TLC
Powder Size	100% through 80 mesh	Complies	USP #80 Sieve
Loss on Drying	≤ 5.0%	3.72%	USP41-NF36<731>
Residue on Ignition	≤ 5.0%	1.08%	USP41-NF36<281>
Pesticide Residues	USP<561>	Complies	USP41-NF36<561>
Total Heavy Metals	< 10.0 µg/g	Complies	USP41-NF36<231>
Arsenic (As)	≤ 2.0 µg/g	Complies	ICP-MS
Cadmium(Cd)	≤ 1.0 µg/g	Complies	ICP-MS
Lead (Pb)	≤ 1.0 µg/g	Complies	ICP-MS
Mercury (Hg)	≤ 0.1 µg/g	Complies	ICP-MS
Total Plate Count	≤ 1,000 cfu/g	Complies	USP41-NF36<2021>
Molds and Yeasts	≤ 100 cfu/g	Complies	USP41-NF36<2021>
<i>Salmonella</i>	Absence	Complies	USP41-NF36<2022>
<i>E. Coli</i>	Absence	Complies	USP41-NF36<2022>

Packing: 25 kg/drum, packing in paper-drums and two sealed plastic-bags inside.

Storage: Store in a well-closed container away from moisture, direct light and heat.

Expired date: Re-test after two years from the manufacturing date.

Conclusion: Conform to FCC Specification.

Quality Assurance officer:

Analyst: