

## CERTIFICATE OF ANALYSIS

Product name:	<b>Saw Palmetto Extract</b>	Ref. Standard:	In-house
Plant Latin name:	<i>Serenoa Repens</i>	Used part:	Berries/Fruit
Batch Number:	20220627	Manuf. Date:	Jun. 27, 2022
Batch Size:	2000kg	Expiry Date:	Jun. 26, 2024
Storage Condition:	Preserve in tight, light resistant container at controlled room temperature dry place.		

Item	Specification	Result	Method
Extract Ratio	4:1	Conforms	TLC
<b>Organoleptic</b>			
Appearance	Fine Powder	Conforms	Organoleptic
Color	White	Conforms	Organoleptic
Odor	Characteristic	Conforms	Organoleptic
<b>Physical &amp; Chemical Characteristics</b>			
Identification	Identical to R.S. sample	Identical	HPTLC
Particle Size	100% Through 80 mesh	Conforms	USP<786>
Loss on Drying	≤5.0%	2.01%	USP<731>
Ash Content	≤5.0%	0.72%	USP<561>
<b>Heavy metals</b>			
Lead(Pb)	≤3.0ppm	Conforms	USP<730>ICP-MS
Arsenic(As)	≤2.0ppm	Conforms	USP<730>ICP-MS
Cadmium(Cd)	≤1.0ppm	Conforms	USP<730>ICP-MS
Mercury(Hg)	≤0.1ppm	Conforms	USP<730>ICP-MS
<b>Microbiological Tests</b>			
Total plate Count	≤10000cfu/g	Conforms	USP<2021>
Yeast & Mold	≤1000cfu/g	Conforms	USP<2021>
E.Coli.	Negative	Negative	USP<2022>
Salmonella	Negative	Negative	USP<2022>
Conclusion:	Conforms to In-house standard.		

Tested by: Tiantian Wang

Checked by: Xiao Wang

Approved by: Yulian Liu

