

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Saw Palmetto Liquid Extract
2. INCI Name	Serenoa Repens Fruit Extract
3. CAS Number	84604-15-9
4. Batch No & Mfg. Date	As mentioned on Label
5. Date Of Exp	12 Months From MFG Date
6. Date of Analysis	

SN	Parameters	Specification	Results	Test Protocol
1	Botanical Name	Serenoa repens	Complies	
2	Description	Transparent colourless liquid	Complies	Visual
3	Water solubility	Soluble	Complies	IP 2014
4	Propylene glycol solubility	Soluble	Complies	IP 2014
5	Specific gravity (20°C)	1.020-1.050	1.024	IP 2014
6	Dry residue 105°C	0.5%-2.0%	1.54%	IP 2014
7	PH	4-7	5.64	IP 2014
Heavy Metals				
8	Arsenic	NMT 1ppm	Complies	"AOAC" Method
9	Lead	NMT 1ppm	Complies	"AOAC" Method
10	Mercury	NMT 1ppm	Complies	"AOAC" Method
11	Cadmium	NMT 0.5ppm	Complies	"AOAC" Method
Microbiological Tests				
12	Total Aerobic Bacteria	NMT 5000 cfu/gm	Complies	USP
13	Yeast and Moulds	NMT 200 cfu/gm	Complies	USP
14	Escherichia coli	Absent	Absent	USP
15	Salmonella	Absent	Absent	USP
16	Staphylococcus aureus	Absent	Absent	USP
17	Pseudomonas aeruginosa	Absent	Absent	USP