

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product Lotus Liquid Extract
2. INCI Name Nelumbo Nucifera Extract
3. CAS Number 85085-51-4
4. Batch No & Mfg. Date As mentioned on Label
5. Date Of Exp 12 Months From MFG Date
6. Date of Analysis

SR.No.	Parameters	Specification	Results	Test Protocol
1	Botanical Name	Nelumbo nucifera	Complies
2	Description	Transparent colorless liquid	Complies	Visual
3	pH of 1 % w/v aq. soln	04-Jul	4.32	IP 2014
4	Water solubility	Soluble	Complies	IP 2014
5	Propylene glycol solubility	Soluble	Complies	IP 2014
6	Specific gravity (20°C)	1.020-1.050	1.029	IP 2014
7	Dry residue 105°C	0.5%-2.0%	1.54%	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

Since it is a herbal product, there is likely to be mineorcolor variation because of the geographical and Seasonal variations of the raw material Legend:NLT= not less than,NMT=Not more than, CFU=Colony forming unit/gram