

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product Reetha (Soap nut) Dry Extract
2. INCI Name Sapindus Mukorossi Dry Extract
3. CAS Number 223748-41-2
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	Sapindus mukorossi	Complies
2	Description	Brown colored powder	Complies	Visual
3	pH of 1 % w/v aq. soln	04-07	4.85	IP 2014
4	Extractive value of 1% soln in water	NLT 80%w/w	83.64%w/w	IP 2014
5	Loss on drying(at105°C)	NMT 5%w/w	4.37%w/w	IP 2014
6	Ash content	NMT 20%w/w	8.64%w/w	IP 2014
Assay				
7	Saponins (By Gravimetry)	NLT 20%w/w	20.53%w/w	IN HOUSE
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	450 cfu/gm	USP
13	Yeast and Moulds	NMT 200 cfu/gm	30 cfu/gm	USP
14	Salmonella	Absent	Absent	USP
15	Staphylococcus aureus	Absent	Absent	USP
16	Pseudomonas aeruginosa	Absent	Absent	USP
17	Escherichia coli	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