

ASES CHEMICAL WORKS

Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India

Ph: +91-9636889954

Email : ecom@ases.in Website : www.ases.in



CERTIFICATE OF ANALYSIS

1. Name of the Product	Witch Hazel Liquid Extract
2. INCI Name	Hamamelis Virginiana Distillate
3. CAS Number	56-81-5, 7732 -18-5, 84775-66-6, 122-99-6
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	Hamamelis virginiana	Complies
2	Description	Transparent colorless liquid	Complies	Visual
3	pH@20°C	2.50 to 5.00	2.97	IP 2014
4	Water solubility	Soluble	Complies	IP 2014
5	Propylene glycol solubility	Soluble	Complies	IP 2014
6	Specific gravity (20°C)	0.995 to 1.005	1.001	IP 2014
7	Dry residue 105°C	0.5%-2.5%	1.58%	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	US

There is likely to be minor color 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