

CERTIFICATE OF ANALYSIS

Product Name	Witch Hazel Extract		
Botanical Name	<i>Hamamelis Virginiana</i>		
Batch Number	20251212	Manufacture Date	20251212
Report Date	20251212	Expiry Date	20261211

Item of Analysis	Specification	Results	Test Methods
Extract Ratio	10:1	10:1	TLC
Organoleptic			
Appearance	Brown yellow powder	Conforms	CP2010AppendixVI C
Color	Brown yellow	Conforms	CP2010AppendixVI A
Odor	Characteristic	Conforms	CP2010
Taste	Characteristic	Conforms	CP2010
Physical Characteristics			
Particle Size	100% pass 80 mesh	80MESH	CP2010
Loss on drying	NMT 5%	3.21%	USP<731>
Total ash	NMT 5%	2.62%	USP<561>
Bulk Density	45-60g/100mL	50g/100mL	CP2010IA
Residue of Pesticide	None	Conform	NLS-QCS-1007
Heavy metals			
Total Heavy Metals	10ppm Max	Conform	USP<231>method II
Lead (Pb)	2ppm NMT	0.08ppm	ICP-MS
Arsenic (As)	2ppm NMT	0.06ppm	ICP-MS
Cadmium (Cd)	2ppm NMT	0.08ppm	ICP-MS
Mercury (Hg)	0.5ppm NMT	0.01ppm	ICP-MS
Microbiological Tests			
Total Plate Count	3000cfu/g Max	Conform	USP<61>
Yeast & Mold	300cfu/g Max	Conform	USP<61>
E. Coli.	Negative	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	Negative	Conform	USP<61>
Aflatoxins	Negative	Conform	USP<61>

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

