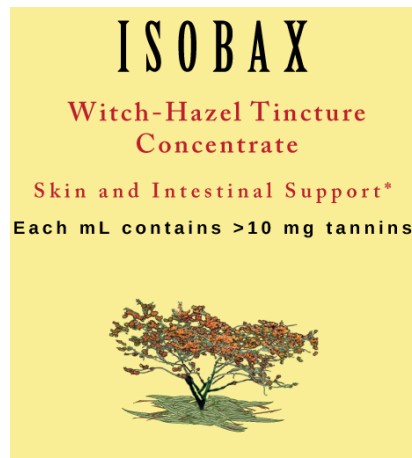




Certificate of Analysis

Test	Specifications	Method	Results
Identity	<i>Hamamelis virginiana</i> L. bark extract	Macroscopy, microscopy and chromatography	Pass
Ethanol/water ratio	50% 190 proof EthOH/50% H2O	Measurement by volume	Pass
Density @ 20 °C	0.93-0.96	Measurement weight/volume	0.948
Odor	Characteristic witch hazel, mildly aromatic, free from Acetous Odor	Examine organoleptic	Pass
Color	Red/brown	Examine (visual inspection)	Pass
Clarity	Transparent	Examine (visual inspection)	Pass
pH@ 25°C	4.0-6.0	Measurement	5.35
Specific gravity @ 20 °C	0.902-0.99	Measurement	0.949
Tannins	>10 mg/ml	HPLC	17.3mg/ml
Total Yeast and Mold	<1000 CFU/ml	USP <2021>, USP <2022> Modified	Pass
Aerobic Plate Count	<10,000 CFU/ml	USP <2021>, USP <2022> Modified	Pass
Total Coliforms	<10 cfu/ml	USP <2021>, USP <2022> Modified	Pass
Salmonella/ <i>E. coli</i> / <i>S. aureus</i>	Negative	USP <2021>, USP <2022> Modified	Pass
Contaminants (Arsenic, Cadmium, Lead, Mercury)	<1.667/0.684/0.0834/0.334 µg/ml (3ml daily dose)	ICP-MS (EPA 200.8 [modified])	<0.002/0.01/0.002/0.005 µg/ml



Manufacturing Certifications, Registrations and Standards/Compliance

- FDA Registered Facility
- cGMP Compliant Facility
- GLP Compliant Facility
- Certified Organic
- Produced in the USA