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## Certificate of Analysis

**Product Name:** Slipry Elm Bark Powder

**Botanical Name:** Ulmus rubra

**Lot No.** BPCSEBP022022

**Expiry Date:** December 2025

TEST ITEMS	SPECIFICATIONS	RESULTS	TEST METHODS
ID	Positive	Conforms	FTIR
Appearance	Brownish Yellow Fine Powder	Conforms	Visual
Taste & Odor	Characteristic	Characteristic	Organoleptic
Loss on Drying	NMT 5%	4%	5g/105°C/2hr
Particle Size	NLT 99% thru 80 Mesh	Conforms	80 Mesh Screen
<b>HEAVY METALS</b>			
Heavy Metals	≤ 10ppm	Conforms	ICP MS    ICP-OES
Lead (Pb)	NMT 3ppm	0.188ppm	ICP MS    ICP-OES
Arsenic (As)	NMT 2ppm	0.234ppm	ICP MS    ICP-OES
Cadmium (Cd)	NMT 1ppm	0.152ppm	ICP MS    ICP-OES
Mercury (Hg)	NMT 1ppm	0.139ppm	ICP MS    ICP-OES
<b>MICROBIOLOGICAL ANALYSIS</b>			
Total Plate Count	NMT 10,000cfu/g	160cfu/g	USP<61>    AOAC
Yeast & Mold	NMT 300cfu/g	<10cfu/g	USP<61>    AOAC
E. Coli	Absent	Absent	USP<62>    AOAC
Salmonella	Absent	Absent	USP<62>    AOAC
Staphylococcus	Absent	Absent	USP<61>    AOAC

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