

CERTIFICATE OF ANALYSIS

Product Name: Berbarine HCL 20%

Botanical Name/INCI: Phellodendron amurense Rupr

Lot No. BPCBBP20062023

Expiry: December 2026

Origin: USA

Properties	Specifications	Results
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Appearance:	Brownish Yellow Fine Powder	Conforms Visual
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Taste & Odor:	Bitter Characteristic	Organoleptic
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Loss on Drying	NMT 5% 4%	5g/105°C/2hr
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Particle Size	NLT 99% thru 80 Mesh	Conforms 80 Mesh Screen
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HEAVY METALS

Heavy Metals \leq 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

MICROBIOLOGICAL ANALYSIS

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

For longer shelf life keep it away from direct light, heat and moisture

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