

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Birch Extract
Botanical Latin Name	Betula pendula Roth
Plant Part	Bark
Manufacture Date	2024/07/30
Expire Date	2027/07/29
Issue Date	2024/07/31
Batch Number	B20240730
Shelf Life	Three years

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	Brown yellow fine powder	Conforms
Odor & Taste	Characteristic	Conforms
Identification	Positive	Conforms
Ratio	10:1	Conforms
Particle size	95% pass 80 mesh	Conforms
Loss on drying	≤5.0%	3.22%
Residue on ignition	≤10.0%	3.89%
Bulk density	0.3–0.6 g/ml	Conforms
Tap density	0.5–0.9 g/ml	Conforms

Heavy Metals

Analysis Item	Specification	Result
Heavy Metals (Total)	NMT 10 ppm	Conforms
Lead (Pb)	NMT 3 ppm	Conforms
Arsenic (As)	NMT 2 ppm	Conforms
Mercury (Hg)	NMT 0.1 ppm	Conforms
Cadmium (Cd)	NMT 1 ppm	Conforms

Microbiological Tests

Analysis Item	Specification	Result
Total Plate Count	NMT 10,000 CFU/g	≤1000 CFU/g

Total Yeast & Mold	NMT 100 CFU/g	≤100 CFU/g
E. coli	Negative	Conforms
Salmonella	Negative	Conforms
Staphylococcus	Negative	Conforms

General Status	Non-GMO, Allergen Free, Non-Irradiation.	
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