

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Black Walnut Extract
Botanical name	Juglans Nigra
Part used	Fruit
Batch No.	B20250310
Manufacture date	2025-03-10
Issue date	2025-03-11
Expiry date	2028-03-09

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	Brown yellow powder	Conforms
Odor & Taste	Characteristic	Conforms
Identification	Positive	Conforms
Assay	10:1	Conforms
Particle size	95% pass 80 mesh	Conforms
Loss on drying	≤5.0%	3.42%
Residue on ignition	≤10.0%	3.75%
Bulk density	0.3–0.6 g/ml	Conforms
Tapped density	0.5–0.9 g/ml	Conforms

Heavy Metals

Analysis Item	Specification	Result
Heavy metals (total)	NMT 10 ppm	<10 ppm
Lead (Pb)	NMT 3 ppm	<3 ppm
Arsenic (As)	NMT 2 ppm	<2 ppm
Mercury (Hg)	NMT 0.1 ppm	<0.1 ppm
Cadmium (Cd)	NMT 1 ppm	<1 ppm

Microbiological Tests

Analysis Item	Specification	Result
Total plate count	NMT 10,000 CFU/g	<1,000 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	Yes
Allergen Free	Yes
Non-Irradiation	Yes

Packaging & Storage

Grade	Food grade
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