

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Bacopa Extract
Botanical name	Bacopa monnier L.
Part used	Herb
Batch No.	B20230312
Manufacture date	2023-03-12
Issue date	2023-03-13
Expiry date	2026-03-11
Shelf life	3 years

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	Brown yellow fine powder	Conforms
Odor & Taste	Characteristic	Conforms
Identification	Positive	Conforms
Extract ratio	10:1	Conforms
Particle size	95% pass 80 mesh	Conforms
Loss on drying	≤5.0%	3.23%
Residue on ignition	≤10.0%	4.50%
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 3.0 ppm	<3.0 ppm
Arsenic (As)	NMT 2.0 ppm	<2.0 ppm
Mercury (Hg)	NMT 0.1 ppm	<0.1 ppm
Cadmium (Cd)	NMT 1.0 ppm	<1.0 ppm

Microbiological Tests

Analysis Item	Specification	Result
Total plate count	NMT 10,000 CFU/g	<1,000 CFU/g
Total yeast & mold	NMT 1,000 CFU/g	<100 CFU/g
E. coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative

General Status

Non-GMO
Allergen Free
Non-Irradiation

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