

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Hawthorn Extract
Botanical Latin Name	Crataegus rhipidophylla
Source	Leaf
Batch Number	H20240725
Manufacture	2024/07/25
Expire Date	2027/07/24
Issue Date	2024/07/26

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	Brown yellow fine powder	Conforms
Odor&Taste	Characteristic	Conforms
Identification	Positive	Conforms
Ratio	20:1	Conforms
Particle size	95% pass 80 mesh	Conforms
Loss on drying	≤5.0%	3.14%
Residue on Ignition	≤10.0%	4.30%
Bulk Density	0.3-0.6g/ml	Conforms
Tapped Density	0.5-0.9g/ml	Conforms

Heavy Metals

Analysis Item	Specification	Result
Heavy Metals	NMT10ppm	<10ppm
Lead(Pb)	NMT3.0ppm	<3.0ppm
Arsenic (As)	NMT2.0ppm	<2.0ppm
Mercury(Hg)	NMT0.1ppm	<0.1ppm
Cadmium(Cd)	NMT1.0ppm	<1.0ppm

Microbiological Tests

Analysis Item	Specification	Result
Total Plate Count	NMT10,000cfu/g	<1,000cfu/g
Total Yeast & Mold	NMT1,000cfu/g	<100cfu/g
E.coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative

General Status

Non-GMO	Non-GMO
Allergen	Allergen Free
Irradiation	Non-Irradiation

Packaging & Storage

Shelf Life	3 years
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