

CERTIFICATE OF ANALYSIS

Product Name	Cetraria Islandica Extract	Manufacture Date	2025 / 04 /20
Botanical Latin Name	<i>Cetraria islandica</i>	Expire Date	2028 / 04 /19
Plant Part	Thallus	Issue Date	2025 / 04 /21
		Batch Number	C20250420

Items	Specification	Result	Test Method
Physical&Chemical Data			
Appearance	Brown yellow fine powder	Conforms	Visual
Odor&Taste	Characteristic	Conforms	Organoleptic
Identification	Positive	Conforms	TLC
Ratio	10:1	Conforms	TLC
Particle size	95% pass 80 mesh	Conforms	80 Mesh Screen
Loss on drying	≤5.0%	3.72%	CP2015
Residue on Ignition	≤10.0%	4.18%	CP2015
Bulk Density	0.3-0.6g/ml	Conforms	CP2015
Tap Density	0.5-0.9g/ml	Conforms	CP2015
Heavy Metals			
Heavy Metals	NMT10ppm	<10ppm	Atomic Absorption
Lead(Pb)	NMT3ppm	<3ppm	Atomic Absorption
Arsenic (As)	NMT2ppm	<2ppm	Atomic Absorption
Mercury(Hg)	NMT0.1ppm	<0.1ppm	Atomic Absorption
Cadmium(Cd)	NMT1ppm	<1ppm	Atomic Absorption
Microbiological			
Total Plate Count	NMT10,000cfu/g	<1,000cfu/g	CP2015
Total Yeast & Mold	NMT100cfu/g	<100cfu/g	CP2015
E.coli	Negative	Conforms	CP2015
Salmonella	Negative	Conforms	CP2015
Staphylococcus	Negative	Conforms	CP2015

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