

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Milk Thistle Extract
Botanical Latin Name	Silybum marianum (L)
Part Used	Seeds
Manufacture Date	2025/05/09
Expiry Date	2028/05/08
Issue Date	2025/05/10
Batch Number	M20250509
Shelf Life	3 years

Physical & Chemical Data

Analysis Item	Specification	Result
Appearance	Yellow to brown yellow fine powder	Conforms
Odor & Taste	Characteristic	Conforms
Ratio	50:1	Conforms
Particle Size	95% pass 80 mesh	Conforms
Identification	Positive	Conforms
Loss on Drying	≤5.0%	3.25%
Residue on Ignition	≤10.0%	4.18%
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	<1,000 cfu/g
Total Yeast & Mold	NMT 1,000 cfu/g	<100 cfu/g
E. coli	Negative	Conforms
Salmonella	Negative	Conforms
Staphylococcus	Negative	Conforms

General Status

Item	Status
Non-GMO	Yes
Allergen Free	Yes
Non-Irradiation	Yes