

CERTIFICATE OF ANALYSIS

Product Name	Flaxseeds Extract
Botanical name	Linum usitatissimum L.
Part used	Seed
Extract ratio	10:1
Batch No.	F20250605
Manufacture date	2025/06/05
Issue date	2025/06/06
Expiry date	2028/06/04
Shelf life	Three years

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	Brown yellow fine powder	Conforms
Odor & Taste	Characteristic	Conforms
Identification	Positive	Conforms
Ratio	10:1	Conforms
Particle size	95% pass 80 mesh	Conforms
Loss on drying	≤5.0%	3.23%
Residue on ignition	≤10.0%	3.36%
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	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	≤1000 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
Allergen Free
Non-Irradiation

Base Bulk