

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Pomegranate Extract
Botanical name	Punica granatum L. Planch.
Part used	Peel
Extract ratio	10:1
Batch No.	P20230621
Manufacture date	2023/06/21
Issue date	2023/06/22
Expiry date	2026/06/20
Shelf life	Two years (if sealed and stored away from strong sunlight and heat)

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	Brown yellow 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%	3.5%
Residue on ignition	≤10.0%	4.10%
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 ppm	<3 ppm
Arsenic (As)	NMT 2 ppm	<2 ppm
Mercury (Hg)	NMT 0.1 ppm	<0.1 ppm
Cadmium (Cd)	NMT 1 ppm	<1 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

Base Bulk