

# BaseBulk

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Pomegranate Extract
<b>Botanical Latin Name</b>	Punica granatum L.
<b>Part Used</b>	Peel & Fruit
<b>Manufacture Date</b>	2024/01/20
<b>Expiry Date</b>	2026/01/19
<b>Issue Date</b>	2024/01/21
<b>Batch Number</b>	P20240120

### Physical & Chemical Data

Analysis Item	Specification	Result
Appearance	Gray Powder	Conforms
Odor & Taste	Characteristic	Conforms
Identification	Positive	Conforms
Assay (Polyphenols)	≥40%	40.13%
Particle Size	95% pass 80 mesh	Conforms
Loss on Drying	≤5.0%	3.18%
Residue on Ignition	≤5.0%	4.41%
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 3.0 ppm	<3.0 ppm
Arsenic (As)	NMT 2.0 ppm	<2.0 ppm
Mercury (Hg)	NMT 0.1 ppm	<0.1 ppm
Cadmium (Cd)	NMT 1.0 ppm	<1.0 ppm

### Microbiological

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

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

### Packaging & Storage

Item	Details
Shelf Life	2 years when properly stored.

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