

# BaseBulk

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Marigold extract
<b>Botanical name</b>	Calendula officinalis
<b>Part used</b>	Flowers
<b>Batch No.</b>	M20230506
<b>Manufacture date</b>	2023-05-06
<b>Issue date</b>	2023-05-07
<b>Expiry date</b>	2026-05-05
<b>Extract ratio</b>	4:1

### Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	Brown yellow fine powder	Conforms
Odor & Taste	Characteristic	Characteristic
Identification	Positive	Conforms
Particle size	95% pass 80 mesh	Conforms
Loss on drying	≤5.0%	3.53%
Residue on ignition	≤10.0%	4.28%
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	Conforms
Salmonella	Negative	Conforms
Staphylococcus	Negative	Conforms

**General Status**

Non-GMO
Allergen Free
Non-Irradiation

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