

# BaseBulk

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Lingonberry Extract
<b>Botanical name</b>	Vaccinium vitis-idaea L.
<b>Plant Part</b>	Leaves
<b>Manufacture Date</b>	2024/08/31
<b>Expire Date</b>	2027/08/30
<b>Issue Date</b>	2024/09/01
<b>Batch Number</b>	L20240831
<b>Shelf Life</b>	3 years

### Physical & Chemical Characteristics

<b>Analysis Item</b>	<b>Specification</b>	<b>Result</b>
Appearance	Purple red 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%	4.07%
Bulk density	0.3–0.6 g/ml	Conforms
Tap density	0.5–0.9 g/ml	Conforms

### Heavy Metals

<b>Analysis Item</b>	<b>Specification</b>	<b>Result</b>
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**

<b>Analysis Item</b>	<b>Specification</b>	<b>Result</b>
Total Plate Count	NMT 10,000 CFU/g	≤1,000 CFU/g
Total Yeast & Mold	NMT 100 CFU/g	≤100 CFU/g
E. coli	Negative	Conforms
Salmonella	Negative	Conforms
Staphylococcus	Negative	Conforms

<b>General Status</b>	Non-GMO, Allergen Free, Non-Irradiation.
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