



## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Siberian Ginseng Extract
<b>Botanical Latin Name</b>	Acanthopanax senticosus (Rupr. Maxim.) Harms
<b>Part Used</b>	Root
<b>Batch Quantity</b>	800 kg
<b>Batch Number</b>	S20240814
<b>Manufacture Date</b>	2024/08/14
<b>Expire Date</b>	2027/08/13
<b>Issue Date</b>	2024/08/15

### Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	Yellow to 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%	3.17%
Residue on Ignition	≤10.0%	4.08%
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	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

<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 1,000 cfu/g	<100 cfu/g
E. coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative

#### **General Status**

<b>Analysis Item</b>	<b>Specification</b>
General Status	Non-GMO, Allergen Free, Non-Irradiation

#### **Packaging & Storage**

<b>Analysis Item</b>	<b>Specification</b>
Packaging & Storage	Packed in paper-drums and two plastic-bags. Keep in cool & dry place. Stay away from strong light and heat.