



# Certificate of Analysis

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Product information		Batch information	
Product name	Siberian Ginseng Extract	Batch no.	S011.O00801.G0361.220302
Botanical name	Eleutherococcus senticosus	Production date	2022-03-02
OHI product code	S011.O00801	Analysis date	2022-03-02
Plant part	Root	Re-test date	2025-03-01
Country of origin	P.R.CHINA		

Analysis item	Specification	Result	Analysis test method
Assay	0.8% Eleutherosides(B + E)	0.92%	HPLC
Organoleptic properties			
Appearance <sup>1</sup>	Fine Brownish Yellow powder	Conform to specification	Visual
Taste	Typical to botanical	Conform to specification	Gustatory
Odor	Typical to botanical	Conform to specification	Olfactory
Physical properties			
Sieve analysis	95% pass 80 mesh	Conform to specification	Mesh screen or equivalent
Moisture content	≤5%	4.38%	IR balance or equivalent
Ash	≤5%	1.78%	2g/525°C/5hrs or equivalent
Heavy metals <sup>2</sup>			
Arsenic (As)	≤ 1 ppm	0.10ppm	AA or equivalent
Cadmium (Cd)	≤ 1 ppm	0.17ppm	AA or equivalent
Lead (Pb)	≤ 3 ppm	0.30ppm	AA or equivalent
Mercury (Hg)	≤ 0.1 ppm	<0.01ppm	AA or equivalent
Total heavy metals	≤ 10 ppm	Conform to specification	Colorimetry or equivalent
Microbiology			
Total plate count	≤10000cfu/g	30cfu/g	AOAC or equivalent
Yeasts & Molds	≤1000cfu/g	40cfu/g	AOAC or equivalent
Salmonella	Absent/10g	Conform to specification	AOAC or equivalent
E.Coli	Absent/1g	Conform to specification	AOAC or equivalent
Identification	Positive	Conform to specification	
Additional information			
Pesticides Residue	Complies USDANOP Limits	Comform	GC-MS
Bulk Density	Report	0.48g/ml	
Tap Density	Report	0.64g/ml	

Sterilization method High Temperature &amp; High Pressure Short time (5" - 10")

Re-test date 36 months from production date in original packaging and qualified storage conditions.

Storage Store product in tightly sealed containers in dry and dark environment at room temperature.

Avoid exposure to air pollution, heat, sunshine and moisture. Reclose containers tightly after use.

1 This is a natural product; color variations may appear between extraction batches due to crop, harvest and seasonal fluctuations.

2 Individual and total heavy metals are not being tested for each batch. Random analyses are being regularly performed minimum once a year.

This datasheet is in compliance with USA and EU food regulations.

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