



JIAHERB
essentials of nature

VCRC # 19I2608

CERTIFICATE OF ANALYSIS

Eleuthero Root Extract 0.8% Eleutheroside B+E HPLC ✓

GENERAL INFORMATION

| | | | |
|-------------------|-------------------------------------|-----------------|----------------|
| Lot Number | CCWJ-A-902473 ✓ | Report Date | 06/08/2019 |
| Manufacture Date | 06/01/2019 | Expiration Date | 05/31/2022 ✓ |
| Botanical Species | <i>Eleutherococcus senticosus</i> ✓ | Part Used | Root ✓ |
| Country of Origin | China | Carrier Used | Maltodextrin ✓ |
| Solvent Used | Water | Kosher Halal | Yes Yes |

| ITEM | SPECIFICATION | TEST RESULTS | METHOD |
|--------------------------------|---|--------------|--------------------|
| PHYSICAL & CHEMICAL | | | |
| Identification | Corresponds to Reference Standard ✓ | Complies | HPTLC USP<203> |
| Appearance | Light brown to yellow brown fine powder ✓ | Complies | Organoleptic |
| Eleutheroside B+E | NLT (%) 0.8 | 0.85 ✓ | HPLC USP<621> |
| Particle Size | NLT 95% through 80 mesh | Complies | USP<786> |
| Loss on Drying | NMT (%) 10.0 | 4.67 ✓ | USP<731> |
| Bulk Density | Between (g/100ml) 30-70 | 46 | USP<616>Method I |
| CONTAMINANTS | | | |
| Lead (Pb) | NMT (ppm) 2.0 | 0.0911 ✓ | ICP-MS USP<730> |
| Arsenic (As) | NMT (ppm) 2.0 | 0.2126 ✓ | ICP-MS USP<730> |
| Cadmium (Cd) | NMT (ppm) 1.0 | 0.0327 ✓ | ICP-MS USP<730> |
| Mercury (Hg) | NMT (ppm) 1.0 | 0.0049 ✓ | ICP-MS USP<730> |
| MICROBIOLOGICAL | | | |
| Total Plate Count | NMT (cfu/g) 10,000 | 200 | USP<2021> |
| Yeast & Mold | NMT (cfu/g) 1,000 | 140 | USP<2021> |
| E. Coli. | Absent (cfu/10g) | Complies | USP<2022> |
| Salmonella | Absent (cfu/10g) | Complies | USP<2022> |
| Staphylococcus aureus | Absent (cfu/10g) | Complies | USP<2022> |

PACKING & STORAGE

Packed in a polyethylene lined corrugated package.
Store in a well-closed container away from moisture, light, and heat.
Net Weight: 25 kg Pack Type: Box
36 months if under the conditions above and in its original packaging.
Shaanxi Jiahe Phytochem Co., Ltd.

SHELF LIFE

MANUFACTURER

NOTE

This is a natural product, variances may be found that are due to the growing and drying conditions, age, season, harvest time, geographic location, production process, etc.

Completed by: Zhanfeng Hui

Title: Quality Control Manager

Signature: *Huizhanfeng*



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