



# Shaanxi New Things Biotech Co.,Ltd

Add.: 20108,Gaoxinshangju Building 1, 106 Keji 8th Road, High Tech Zone, Xi'an City, Shaanxi Province  
 Tel: +86-15091833163      Web: www.newthingsbio.com

## Certificate Of Analysis

| General Information |   |                    |                   |
|---------------------|---|--------------------|-------------------|
| Product Name        | Siberian Ginseng Extract  | Country of origin  | China             |
| Batch Number        | NT20251225  | Batch Quantity     | 450kgs            |
| Used Part           | Root  | Manufacturing Date | 2025-12-25        |
| Analysis Date       | 2025-12-26  | Expiry Date        | 2027-12-24        |
| Item                | Specification   | Result             | Methods           |
| Physical Property   |   |                    |                   |
| Appearance          | Brown-yellow Powder   | Conforms           | Visual            |
| Eleutheroside B+E   | ≥0.8%   | 0.99%              | HPLC              |
| Odor                | Characteristic  | Conforms           | Organoleptic      |
| General Analysis    |   |                    |                   |
| Particle size       | 95% Pass 80 Mesh  | Complies           | 80mesh screen     |
| Loss on Drying      | ≤5 %  | 3.32%              | 5g/105C/5hrs      |
| Ash                 | ≤5 %  | 0.31%              | 5g/105C/5hrs      |
| Bulk Density        | 45-60g/100mL  | 56g/100mL          | CP2010IA          |
| Contaminants        |   |                    |                   |
| Heavy Metals        | 10ppm Max   | 2.23ppm            | Atomic Absorption |
| Lead (Pb)           | 2ppm NMT  | 0.21 ppm           | Atomic Absorption |
| Arsenic (As)        | 2ppm NMT  | 0.29ppm            | Atomic Absorption |
| Cadmium (Cd)        | 2ppm NMT  | 0.24 ppm           | Atomic Absorption |
| Mercury (Hg)        | 1ppm NMT  | 0.20 ppm           | Atomic Absorption |
| Microbiological     |   |                    |                   |
| Total Plate Count   | 3000cfu/g Max   | 226cfu/g Max       | AOAC              |
| Yeast & Mold        | 300cfu/g Max  | Conform            | AOAC              |
| E. Coli.            | Negative  | Conform            | AOAC              |
| Salmonella          | Negative  | Conform            | AOAC              |
| Staphylococcus      | Negative  | Conform            | AOAC              |
| Shelf Life          | 24 months under the conditions below, no antioxidant used       |                    |                   |
| Package             | 25 kg/drum outside and double food plastic bags inside          |                    |                   |
| Storage             | Store in a cool and dry place away from Moisture, Light, Oxygen |                    |                   |

QC MANAGER:Feng Li

ANALYST:Guo Shan

