



Address: East of Tianmu Road, Laiyang Development Zone, Yantai City, Shandong Province, 265200, China

## Certificate of Analysis

| Product Name: Resveratrol 98% |  |                  |            |
|-------------------------------|--|------------------|------------|
| Source                        | <i>Polygonum cuspidatum SiebEt Zucc.</i> |                  |            |
| Identification                | TC                                       | Part Used        | Root       |
| Carrier/Excipient             | None                                     | Extract ratio    | 150:1      |
| Batch NO.                     | 260121                                   | Irradiation      | Free       |
| Quantity                      | 210KG                                    | Manufacture Date | 2026-01-21 |
| Package                       | 10KG/Drum                                | Expiry Date      | 2028-01-20 |

| Test Item                    | Specification   | Result            | Test Method   |
|------------------------------|---|-------------------|---------------|
| Resveratrol                  | ≥98.00%   | 98.26%            | HPLC          |
| Appearance                   | White fine powder   | White fine powder | Visual        |
| Odor&Taste                   | Characteristic  | Characteristic    | Visual &taste |
| Loss on Drying               | ≤1.0%   | 0.30%             | GB 5009.3     |
| Sulphated                    | ≤0.5%   | 0.18%             | GB 5009.4     |
| Bulk Density                 | 35.0~50.0g/100ml  | 45.20g/100ml      | USP<616>      |
| <b>Heavy Metal</b>           |   |                   |               |
| Heavy metals                 | ≤10 ppm   | Conforms          | GB/T 5009.74  |
| Arsenic (As)                 | ≤2 ppm  | Conforms          | GB/T 5009.11  |
| Cadmium (Cd)                 | ≤1 ppm  | Conforms          | GB/T 5009.15  |
| Mercury (Hg)                 | ≤0.1 ppm  | Conforms          | GB/T 5009.17  |
| Lead                         | ≤3 ppm  | Conforms          | GB/T 5009.12  |
| <b>Microbiological Tests</b> |   |                   |               |
| Total Plate Count            | ≤1,000cfu/g   | Complies          | GB 4789.2     |
| Yeasts &Molds                | ≤100cfu/g   | Complies          | GB4789.15     |
| E.coli                       | Negative  | Negative          | GB 4789.3     |
| Salmonella                   | Negauve   | Negative          | GB 4789.4     |
| Staphylococcus               | Negative  | Negative          | GB 4789.10    |
| Conclusion                   | Comply with Required Standards.                                     |                   |               |
| Shelf Life                   | 24 months under the conditions below and in its original packaging. |                   |               |
| Storage                      | Keep container unopened in cool, dry place.                         |                   |               |

QC Manager: Yanxia Li

Analyst: Fan Sun

