



## CERTIFICATE OF ANALYSIS

### Trans-Resveratrol 99% Trans-Resveratrol(HPLC)

Batch No.: CHZ-C-A336854 Manufacture Date: 20231020 Expiry Date: 20261019

#### General Information

|                  |                             |                   |               |
|------------------|-----------------------------|-------------------|---------------|
| Part Used        | Root                        | Solvents Used     | Water&Ethanol |
| Botanical Source | <i>Polygonum cuspidatum</i> | Country Of Origin | China         |

| ITEMS | SPECIFICATION | METHOD | TEST RESULTS |
|-------|---------------|--------|--------------|
|-------|---------------|--------|--------------|

#### Physical&Chemical Data

|            |                |              |         |
|------------|----------------|--------------|---------|
| Color      | White          | Organoleptic | Conform |
| Odour      | characteristic | Organoleptic | Conform |
| Appearance | Fine Powder    | Organoleptic | Conform |

#### Analytical Quality

|                   |                          |                          |              |
|-------------------|--------------------------|--------------------------|--------------|
| Identification    | Identical to R.S. sample | HPTLC                    | Identical    |
| Trans-Resveratrol | ≥99.0%                   | HPLC(on anhydrous basis) | 99.49%       |
| Sieve analysis    | 95 % through 80 mesh     | Eur.Ph. <2.9.12>         | Conform      |
| Loss on Drying    | ≤2.0 %                   | Eur.Ph. <2.8.17>         | 0.01%        |
| Total Ash         | ≤1.0 %                   | Eur.Ph. <2.4.16>         | 0.15%        |
| Bulk density      | 20-60g/100mL             | Eur.Ph. <2.9.34>         | 38.00g/100ml |

#### Contaminants

|                    |                       |                        |              |
|--------------------|-----------------------|------------------------|--------------|
| Lead (Pb)          | ≤3.0 mg/kg            | Eur.Ph. <2.2.58>ICP-MS | 0.0602 mg/kg |
| Arsenic (As)       | ≤2.0 mg/kg            | Eur.Ph. <2.2.58>ICP-MS | 0.0026 mg/kg |
| Cadmium (Cd)       | ≤1.0 mg/kg            | Eur.Ph. <2.2.58>ICP-MS | <0.01 mg/kg  |
| Mercury (Hg)       | ≤0.1 mg/kg            | Eur.Ph. <2.2.58>ICP-MS | 0.0547 mg/kg |
| BAP                | ≤10.0 µg/kg           | (EU) 2015/1933         | Conform      |
| PAH4               | ≤50.0 µg/kg           | (EU) 2015/1933         | Conform      |
| PAs                | ≤400 µg/kg            | JH/ZY-C-571.00         | Conform      |
| ETO                | ≤0.01mg/kg            | JH/ZY-C-572.00         | Conform      |
| Solvents Residue   | Meet Eur.Ph. <2.4.24> | Eur.Ph. <2.4.24>       | Conform      |
| Pesticides Residue | Meet Eur.Ph. <2.8.13> | Eur.Ph. <2.8.13>       | Conform      |

#### Microbiological

|                   |              |                  |          |
|-------------------|--------------|------------------|----------|
| Total Plate Count | ≤10000 cfu/g | Eur.Ph. <2.6.12> | 85 cfu/g |
| Yeast &Mold       | ≤1000 cfu/g  | Eur.Ph. <2.6.12> | 50 cfu/g |
| E.Coli.           | Negative     | Eur.Ph. <2.6.13> | Conform  |
| Salmonella        | Negative     | Eur.Ph. <2.6.13> | Conform  |

#### General Status

|                 |      |                 |     |
|-----------------|------|-----------------|-----|
| Non-Irradiation | ≤700 | EN <13751:2002> | 240 |
|-----------------|------|-----------------|-----|

#### Packing&Storage

Packed in paper-drums and two plastic-bags inside;

N.W:25kgs, I.D.35×H51cm;

Store in a well-closed container Away from moisture,light, oxygen.

#### Shelf life

36 months under the conditions above and in its original packaging.

Quality Assurance Officer

崔鹏

Corrector



Analyst

锋惠  
印战

No: STP-QCP-1 (383)