

### Certificate of Analysis

| Product Information      |                                                              |                  |                |
|--------------------------|--------------------------------------------------------------|------------------|----------------|
| Product Name             | Perilla Frutescens Extract Powder                            | Report Number    | PEL20230247    |
| Botanical Name           | Perilla frutescens                                           | Manufacture Date | 2023/02/22     |
| Used Part                | Leaf                                                         | Analysis Date    | 2023/02/27     |
| Batch Number             | PEL230222                                                    | Report Date      | 2023/03/04     |
| Batch Quantity           | 500Kg                                                        | Expiry Date      | 2026/02/21     |
| Test Items               | Specifications                                               | Result           | Test Methods   |
| Active Ingredients       |                                                              |                  |                |
| Extract Ratio            | 10:1                                                         | Conforms         | TLC            |
| Physical & Chemical Data |                                                              |                  |                |
| Appearance               | Brown Yellow Fine Powder                                     | Conforms         | Visual         |
| Odor and Taste           | Characteristic                                               | Conforms         | Organoleptic   |
| Sieve analysis           | 90% through 80 mesh                                          | Conforms         | 80 Mesh Screen |
| Loss on Drying           | ≤5.0 %                                                       | 2.36%            | 105°C/2 hrs    |
| Total Ash                | ≤5.0 %                                                       | 0.72%            | GB 5009.6      |
| Bulk Density             | 40~60 g/100mL                                                | 51.2g/100mL      | GB/T 18798.5   |
| Tap Density              | 50~80g/100mL                                                 | 56.8g/100mL      | GB/T 18798.5   |
| Contaminants             |                                                              |                  |                |
| Lead (Pb)                | <3.0mg/kg                                                    | 0.15mg/kg        | ICP-MS         |
| Arsenic (As)             | <2.0mg/kg                                                    | 0.08mg/kg        | ICP-MS         |
| Cadmium (Cd)             | <1.0mg/kg                                                    | 0.02mg/kg        | ICP-MS         |
| Mercury (Hg)             | <0.1mg/kg                                                    | 0.01mg/kg        | ICP-MS         |
| Microbiological          |                                                              |                  |                |
| Total Aerobic Count      | ≤1000cfu/g                                                   | 240cfu/g         | GB 4789.2      |
| Yeast & Moulds           | ≤100cfu/g                                                    | 20cfu/g          | GB 4789.15     |
| E-Coli                   | Negative                                                     | Conforms         | GB 4789.3      |
| Salmonella               | Negative                                                     | Conforms         | GB 4789.4      |
| Staphylococcus Aureus    | Negative                                                     | Conforms         | GB 4789.10     |
| Storage & Packing        |                                                              |                  |                |
| Shelf Life               | 3 years when properly stored.                                |                  |                |
| Packing                  | Packed in paper-drums and two plastic-bags inside.           |                  |                |
| Storage                  | Store in cool & dry place, not freeze. Keep away from strong |                  |                |

**Remarks:** This product is natural, the color vary from batch to batch.

Tested by: 张丽娟

Checker: 李明

Approved:

