

## Certificate of Analysis

| General Information              |                                                                                  |                  |                                  |
|----------------------------------|----------------------------------------------------------------------------------|------------------|----------------------------------|
| Product Name:                    | Gardenia Blue                                                                    | Part Used:       | Flower                           |
| Batch Number:                    | 251108                                                                           | Production Date: | 2025.11.08                       |
| Item                             | Specification                                                                    | Result           | Method                           |
| Physical and Chemical Properties |                                                                                  |                  |                                  |
| Appearance                       | Fine Powder                                                                      | Conforms         | Visual                           |
| Color                            | Blue                                                                             | Conforms         | Visual                           |
| Smell                            | Characteristic                                                                   | Conforms         | Olfactory                        |
| Impurity                         | No Visible Impurity                                                              | Conforms         | Visual                           |
| Loss on Drying                   | ≤ 7g/100g                                                                        | 4.30g/100g       | 3g/105°C/2hrs                    |
| Identification                   | Conforms with TLC                                                                | Conforms         | TLC                              |
| Color Value                      | ≥ 20                                                                             | 20.4             | UV (E1%598nm in distilled water) |
| Carrier                          | Maltodextrin                                                                     | Conforms         | TLC                              |
| Residue Analysis                 |                                                                                  |                  |                                  |
| Heavy Metals                     | ≤10mg/kg                                                                         | Conforms         | ICP-MS                           |
| Lead (Pb)                        | ≤3.00mg/kg                                                                       | Conforms         | ICP-MS                           |
| Arsenic (As)                     | ≤2.00mg/kg                                                                       | Conforms         | ICP-MS                           |
| Cadmium (Cd)                     | ≤1.00mg/kg                                                                       | Conforms         | ICP-MS                           |
| Mercury (Hg)                     | ≤0.10mg/kg                                                                       | Conforms         | ICP-MS                           |
| Microbiological Tests            |                                                                                  |                  |                                  |
| Total Plate Count                | ≤1,000cfu/g                                                                      | Conforms         | AOAC 990.12                      |
| Total Yeast & Mold               | ≤100cfu/g                                                                        | Conforms         | AOAC 997.02                      |
| E. Coli.                         | Negative/10g                                                                     | Conforms         | AOAC 991.14                      |
| Salmonella                       | Negative/10g                                                                     | Conforms         | AOAC 998.09                      |
| S. aureus                        | Negative/10g                                                                     | Conforms         | AOAC 2003.07                     |
| Product Status                   |                                                                                  |                  |                                  |
| Conclusion:                      | Sample Qualified.                                                                |                  |                                  |
| Shelf Life:                      | 24 months under the conditions below and in its original packaging.              |                  |                                  |
| Retest date:                     | Retest every 24 months under the conditions below and in its original packaging. |                  |                                  |
| Storage:                         | Store in a cool, dry place away from Moisture and light.                         |                  |                                  |

Approved by:  
(Quality Assurance)

