

Certificate of Analysis

| General Information | | | |
|----------------------------------|--|------------------|----------------------------------|
| Product Name: | Gardenia Blue | Part Used: | Flower |
| Batch Number: | 251006 | Production Date: | 2025.10.06 |
| 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 | ≥ 40 | 40.3 | 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)

