

**Certificate of Analysis**

| Product Information      |                                                                     |                  |              |
|--------------------------|---------------------------------------------------------------------|------------------|--------------|
| Product Name             | Magnolol and Honokiol Powder                                        | Report Number    | MOL20210546  |
| Source                   | Magnolia officinalis                                                | Manufacture Date | 2021/05/21   |
| Batch Number             | MOL210521                                                           | Analysis Date    | 2021/05/26   |
| Batch Quantity           | 300Kg                                                               | Expiry Date      | 2023/05/20   |
| Test Items               | Specifications                                                      | Result           | Test Methods |
| Active Ingredients       |                                                                     |                  |              |
| Assay                    | ≥98.0%                                                              | 98.33%           | HPLC         |
| Physical & Chemical Data |                                                                     |                  |              |
| Appearance               | White Fine Powder                                                   | Conforms         | Visual       |
| Odor and Taste           | Characteristic                                                      | Conforms         | Organoleptic |
| Identification           | Positive                                                            | Conforms         | TLC          |
| Loss on Drying           | ≤1.0 %                                                              | 1.16%            | 105°C/2 hrs  |
| Total Ash                | ≤0.5 %                                                              | 0.22%            | GB 5009.6    |
| Contaminants             |                                                                     |                  |              |
| Lead (Pb)                | <1.0mg/kg                                                           | Conforms         | ICP-MS       |
| Arsenic (As)             | <1.0mg/kg                                                           | Conforms         | ICP-MS       |
| Cadmium (Cd)             | <1.0mg/kg                                                           | Conforms         | ICP-MS       |
| Mercury (Hg)             | <0.1mg/kg                                                           | Conforms         | ICP-MS       |
| Microbiological          |                                                                     |                  |              |
| Total Aerobic Count      | ≤1000cfu/g                                                          | 45cfu/g          | GB 4789.2    |
| Yeast & Moulds           | ≤100cfu/g                                                           | 10cfu/g          | GB 4789.15   |
| E-Coli                   | Negative                                                            | Conforms         | GB 4789.3    |
| Salmonella               | Negative                                                            | Conforms         | GB 4789.4    |
| Staphylococcus Aureus    | Negative                                                            | Conforms         | GB 4789.10   |
| Conclusion               |                                                                     |                  |              |
| Conclusion               | To be complied with in-house Specification                          |                  |              |
| Shelf Life               | 2 years when properly stored                                        |                  |              |
| Storage                  | Store in cool & dry place, not freeze. Keep away from strong light. |                  |              |

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

Tested by: 

Checker: 

Approved:

