

## Certificate of Analysis

|              |               |              |            |
|--------------|---------------|--------------|------------|
| Product Name | Glabridin 98% | Mfg. Date    | 2020.04.10 |
| Batch No.    | KN032004102   | Testing Date | 2020.04.11 |
| CAS No.      | 59870-68-7    | Exp. Date    | 2022.04.09 |

| Items              | Specifications                                 | Results      |
|--------------------|------------------------------------------------|--------------|
| Appearance         | White powder                                   | White powder |
| Solubility         | Soluble in Ethanol or Butylene-Glycol          | Complies     |
| Alcohol residue    | ≤0.5%                                          | 0.12%        |
| Loss on drying     | ≤5.0%                                          | 2.1%         |
| Sulfated ash       | ≤0.5%                                          | 0.05%        |
| Heavy Metals       | ≤10ppm                                         | <10ppm       |
| Pb                 | ≤2ppm                                          | <2ppm        |
| As                 | ≤1ppm                                          | <1ppm        |
| Total Plate Count  | ≤1000cfu/g                                     | Complies     |
| Total Yeast & Mold | ≤100cfu/g                                      | Complies     |
| E.Coli.            | Negative                                       | Not detected |
| Salmonella         | Negative                                       | Not detected |
| Assay (HPLC)       | ≥98.0%                                         | 98.35%       |
| Conclusion:        | The product complies with Enterprise Standard. |              |

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