

## Certificate of Analysis

|              |                         |           |             |
|--------------|-------------------------|-----------|-------------|
| Product Name | Berberine hydrochloride | Mfg. Date | 2022.05.20  |
| Batch No.    | KN20220520              | Test Date | 2022.05.21  |
| Batch Q'ty   | 1000kg                  | Exp. Date | 2024.05. 19 |

| Items                 | Specifications                  | Results  |
|-----------------------|---------------------------------|----------|
| Assay                 | ≥98.0%                          | 98.0%    |
| Appearance            | Yellow crystalline powder       | Complies |
| Identification        | Meet the requirements           | Complies |
| Odor & Taste          | Odorless, very bitter           | Complies |
| Loss on Drying        | ≤ 12.0%                         | 11.32%   |
| Ash                   | ≤ 0.2%                          | 0. 17%   |
| <b>Heavy Metals</b>   | ≤ 10.0ppm                       | Complies |
| As                    | ≤2.0ppm                         | Complies |
| Pb                    | ≤2.0ppm                         | Complies |
| Cd                    | ≤ 1.0ppm                        | Complies |
| Hg                    | ≤0. 1ppm                        | Complies |
| Total Plate Count     | ≤ 1000cfu/g                     | Complies |
| Yeast & Mold          | ≤ 100cfu/g                      | Complies |
| E.Coil                | Negative                        | Complies |
| Salmonella            | Negative                        | Complies |
| Staphylococcus Aureus | Negative                        | Complies |
| <b>Conclusion</b>     | Conform with in house standard. |          |

**Storage:**

Store in cool & dry place, keep away from strong light and heat.

**Shelf Life:**

2 years when properly stored.



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