



NANJING MANHAY MEDICAL TECHNOLOGY CO.LTD

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Certificate of Analysis

| | |
|------------------|---|
| Batch NO | MH20191102 |
| Product Name | Bergenin |
| Product Type | Standardized Extract Powder |
| Botanical Source | Bergenia purpurascens |
| Storage | Cool & dry place, keep away from light. |
| Part used | leaves |
| Shelf-life | 2 years unopened. |

| Analysis Contents | Specification | Analysis Results |
|---------------------------|--------------------------|--------------------------|
| Identification(TLC): | Positive | Positive |
| Particle Size: | 80 mesh | 80-100 mesh |
| Appearance: | White crystalline powder | White crystalline powder |
| Odor: | Characteristic | Conformed |
| Taste: | Characteristic | Conformed |
| Loss on Drying: | 0.1% max. | 0.001% |
| Heavy Metals : | 10ppm max | < 10ppm |
| Arsenic: | 2ppm max. | < 1ppm |
| Residual Solvent: | NMT 50ppm | Conformed |
| Carriers Used: | None | Conformed |
| Pesticides: | 5ppm max. | None detected |
| Microbiology: | | |
| Total bacterial counting: | 1000/g max. | 115 /g |
| Yeast & Mold: | 100/g max. | 25 /g |
| E. Coil: | None detectable | None detectable |
| Salmonella: | None detectable | None detectable |
| Aflatoxins: | NMT 0.2ppb | Absent |
| Assay by HPLC Bergenin | 98% | 98.31% |

QC::YANG

