

## Certificate of Analysis

|                          |  |  |  |
|--------------------------|--|--|--|
| <b>Product Name</b>      | Apigenin   |  |  |
| <b>Batch No.</b>         | AP230206   |  |  |
| <b>Batch Quantity</b>    | 100kgs   |  |  |
| <b>Storage Condition</b> | Store in cool & dry place, Keep away from strong light and heat. |  |  |

| Item                             | Specification    | Result   | Method                        |
|----------------------------------|------------------|----------|-------------------------------|
| <b>Basic Product Information</b> |                  |          |                               |
| Country of Origin                | China            | Conform  | /                             |
| <b>Organoleptic Data</b>         |                  |          |                               |
| Assay(Apigenin)                  | ≥98%             | 99.15%   | HPLC                          |
| Appearance                       | Fine powder      | Conform  | HES-QCS-1008                  |
| Color                            | Light yellow     | Conform  | GB/T 5492-2008                |
| Odor                             | Characteristic   | Conform  | GB/T 5492-2008                |
| Taste                            | Characteristic   | Conform  | GB/T 5492-2008                |
| Identification                   | Positive         | Positive | /                             |
| <b>Physical Characteristics</b>  |                  |          |                               |
| Particle Size                    | 95% Pass 80 mesh | Conform  | GB/T 5507-2008                |
| Loss on Drying                   | <5.0%            | 2.15%    | GB/T 14769-1993               |
| Total ash                        | <0.5%            | 0.12%    | AOAC942.05,18th               |
| <b>Heavy Metals</b>              |                  |          |                               |
| Total Heavy Metals               | <10ppm           | Conform  | USP <231>, method II          |
| As                               | <1.0ppm          | Conform  | AOAC 986.15, 18th             |
| Pb                               | <1.0ppm          | Conform  | AOAC 986.15, 18th             |
| Cd                               | <1.0ppm          | Conform  | AOAC 986.15, 18th             |
| Hg                               | <0.1ppm          | Conform  | AOAC 971.21, 18th             |
| <b>Microbiology</b>              |                  |          |                               |
| Total Plate Count                | <1,000cfu/g      | Conforms | AOAC 990.12, 18th             |
| Yeast & Mold                     | < 100cfu/g       | Conforms | FDA (BAM) Chapter 18, 8th Ed. |
| E. Coli                          | Negative         | Negative | AOAC 997.11, 18th             |
| Salmonella                       | Negative         | Negative | FDA (BAM) Chapter 5, 8th Ed.  |

