# Certificate of Analysis

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| **Product Name** | Chrysin | **Manufacturing Date** | 2024.03.10 |
| **Batch No.** | 20240510 | **Test Date** | 2024.03.15 |
| **Quantity** | 500kg | **Expiry Date** | 2026.03.09 |
| **ITEMS** | **SPECIFICATION** | **METHOD** | **TEST RESULTS** |
| **Physical&Chemical Data** |
| Color | yolk yellow | Organoleptic | Conform |
| Odour | Characteristic | Organoleptic | Conform |
| Appearance | Fine Powder | Organoleptic | Conform |
| **Analytical Quality** |
| Identification | Identical to *R.S.* sample | HPLC | Identical |
| Chrysin | ≥98.0% | HPLC | 99.0% |
| Sieve analysis | 100 % through 80 mesh | USP <786> | Conform |
| Water(KF) | ≤1.0 % | Eur.Ph.7.0 [2.5.12] | 0.21% |
| Total Ash | ≤1.0 % | Eur.Ph. <2.4.16> | 0.02 % |
| **Contaminants** |
| Lead (Pb) | ≤3.0 mg/kg | Eur.Ph. <2.2.58>ICP-MS | 0.0325 mg/kg |
| Arsenic (As) | ≤2.0 mg/kg | Eur.Ph. <2.2.58>ICP-MS | <0.01 mg/kg |
| Cadmium (Cd) | ≤1.0 mg/kg | Eur.Ph. <2.2.58>ICP-MS | <0.01 mg/kg |
| Mercury (Hg) | ≤0.1 mg/kg | Eur.Ph. <2.2.58>ICP-MS | 0.0658mg/kg |
| Solvents Residue | Meet Eur.Ph.7.0 <5.4>  | Eur.Ph. <2.4.24> | Conform |
| Pesticides Residue | Meet USP Requirements | USP36 <561> | Conform |
| **Microbiological** |
| Total Plate Count | ≤10000 cfu/g | USP36 <2021> | 1400 cfu/g |
| Yeast &Mold | ≤1000 cfu/g | USP36 <2021> | 140 cfu/g |
| E.Coli. | Negative | USP36 <2022> | Conform |
| Salmonella | Negative | USP36 <2022> | Conform |
| **Storage** | Store in a well-closed container Away from moisture,light, oxygen. |
| **Shelf life** | 2years. |