# 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. | | | | | |