



KS

Nutripharma

陕西康盛生物技术有限公司

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## Certificate of Analysis

|                                 |                          |                     |                   |
|---------------------------------|--------------------------|---------------------|-------------------|
| <b>Product Name:</b>            | Saffron Extract          | <b>Batch#:</b>      | 201128            |
| <b>Latin Name:</b>              | <i>Crocus sativus L.</i> | <b>Part Used:</b>   | Flower            |
| <b>Manu. Date:</b>              | 11/28/2020               | <b>Expi. Date:</b>  | 11/27/2022        |
| <b>Country of origin</b>        | China                    | <b>Weight:</b>      | 300Kg             |
|                                 |                          |                     |                   |
| <b>ITEM</b>                     | <b>SPECIFICATION</b>     | <b>TEST RESULTS</b> | <b>METHOD</b>     |
|                                 |                          |                     |                   |
| <b>Physical Analysis</b>        |                          |                     |                   |
| Color                           | Yellow Orange Red        | Complies            | Visual            |
| Odor & Taste                    | Characteristic           | Complies            | Organoleptic      |
| Appearance                      | Fine Powder              | Complies            | Visual            |
| Solvents Used                   | Water & Ethanol          | Complies            |                   |
| Mesh Size                       | NLT 95% through 80 mesh  | Complies            | 80 Mesh Screen    |
| Loss on Drying                  | NMT 5.0%                 | 3.05%               | CP2010            |
| Ash                             | NMT 5.0%                 | 2.64%               | CP2010            |
| Bulk Density                    | NLT 0.40 g/ml            | 0.52 g/ml           | CP2010            |
| Tap Density                     | NLT 0.50 g/ml            | 0.69 g/ml           | CP2010            |
|                                 |                          |                     |                   |
| <b>Chemical:</b>                |                          |                     |                   |
| Heavy Metal                     | NMT 10.0 ppm             | Complies            | Atomic Absorption |
| Lead(Pb)                        | NMT 2ppm                 | Complies            | Atomic Absorption |
| Arsenic                         | NMT 1ppm                 | Complies            | Atomic Absorption |
|                                 |                          |                     |                   |
| <b>Assay:</b>                   |                          |                     |                   |
| Safranal                        | NLT 0.3%                 | 0.35%               | HPLC              |
|                                 |                          |                     |                   |
| <b>Microbiological Analysis</b> |                          |                     |                   |
| Total Plate Count               | NMT 10000cfu/g           | Complies            | CP2010            |
| Yeast & Mold                    | NMT 1000 cfu/g           | Complies            | CP2010            |
| E. Coli                         | Negative                 | Negative            | CP2010            |
| Salmonella                      | Negative                 | Negative            | CP2010            |

**Packing:** 25kg/bag/drum or according to customer's requirements

**Storage:** Air-tight original sealed container, low relative humidity (55%), below 25°C in dark conditions.

QC: Lijia

QA: Liyaqiang

