

Certificate of Analysis

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|----------------------|--------------------------|--------------------------|--------------|
| Product Name: | Marigold Extract | Manufacture Date: | Jul.20, 2018 |
| Latin Name: | <i>Tagetes erecta</i> L. | Analysis Date: | Jul.23, 2018 |
| Part Used: | Flower | Report Date: | Jul.23, 2018 |
| Quantity: | 200Kg | Batch No: | YMHZ180719 |

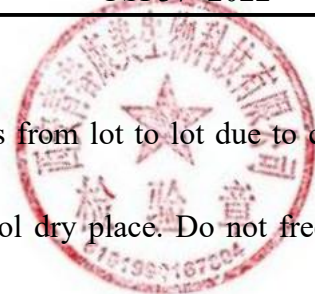
| Analysis Item | Specification | Result | Methods |
|------------------------------|-------------------|----------|---------------|
| Active Content Test | | | |
| Zeaxanthin (HPLC) | >5.0 % | 5.1 % | USP37<m46112> |
| Physical Test | | | |
| Appearance | Orange-Red Powder | Complies | |
| Odor | Characteristic | Complies | |
| Taste | Characteristic | Complies | |
| Particle size | 100% pass 80 mesh | Complies | USP37<811> |
| | 95% pass 100 mesh | | |
| Loss on drying | ≤5.0 % | 4.0 % | USP37<731> |
| Ash Contents | ≤5.0 % | 2.7 % | USP37<733> |
| Chemical Tests | | | |
| Heavy Metals | ≤10 ppm | <10 ppm | USP37<231> |
| Lead | ≤2 ppm | 0.01 ppm | USP37<251> |
| Arsenic | ≤2 ppm | 0.01 ppm | USP37<211> |
| Microbiological Tests | | | |
| Total Bacteria Count | ≤1,000 cfu/g | Complies | USP37<2021> |
| Yeast and Mold | ≤100 cfu/g | Complies | USP37<2021> |
| Coliform | ≤30 MPN/g | Complies | USP37<2022> |

Statements : Non-Irradiated, Non-GMO.

Conclusion : Conform to the USP 37.

Appearance: This is a natural product and there may be color variations from lot to lot due to crop fluctuations from harvest to harvest.

Storage Condition: Store in tightly closed plastic bag and keep in a cool dry place. Do not freeze. Keep always from direct light.



QC : Shan Guo

QA: Li Feng