



上海诺创生物科技有限公司

Shanghai ZNC Biotechnology Co., Ltd.

Tel: 86-21-68453907

Fax: 86-21-58356660

Email: info@zncbio.com

Website: www.zncbio.com

CERTIFICATE OF ANALYSIS

Product Name: Milk Thistle Extract Latin Name: *Silybum marianum (L.)*
Batch Number: 20230824 Batch Quantity: 1500KG
Manufacture Date: 2023-08-24 Expiry Date: 2025-08-23

| ITEMS | SPECIFICATION | RESULTS |
|-------------------|--|----------|
| Appearance | Yellow to Yellowish-Brown Fine Powder | Conforms |
| Assay | Silymarin: 80.0% Min by UV | 81.40% |
| Part used | Seed | Conforms |
| Particle Size | 95% Pass 80 Mesh | Conforms |
| Loss on drying | 5.0% Max | 2.75% |
| Ash | 5.0% Max | 0.96% |
| Heavy metals | 20 ppm Max | <20 ppm |
| Lead | 0.5 ppm Max | Conforms |
| Cadmium | 1.5ppm Max. | Conforms |
| Mercury | 0.1 ppm Max | Conforms |
| Arsenic | 3.0 ppm Max. | Conforms |
| Residual Solvents | - N-hexane-- NMT 290 PPM | Conforms |
| | - Methanol-- NMT 3000 PPM | Conforms |
| | - Acetone-- NMT 5000 PPM | Conforms |
| | - Ethyl Acetate-- NMT 5000 PPM | Conforms |
| | - Ethanol-- NMT 5000 PPM | Conforms |
| Total Plate Count | 1000cfu/g Max | Conforms |
| Yeast & Mold | 100cfu/g Max | Conforms |
| E-Coli | Negative | Negative |
| Salmonella | Negative | Negative |
| Conclusion | Comply with In house Standard. | |
| Storage | Store in cool & dry place, keep away from strong light and heat. | |

Shawn
Analyst

Rick
Approved

Whip
Header of QC