



Xi'an Green Spring Technology Co.,Ltd

Certificate of Analysis

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|---|----------------------------|--------------------|--------------------|
| Product Name: | Echinacea Extract | Batch Number: | 2023120301GS |
| Botanical Source: | Echinacea purpurea (Linn.) | Manufacture Date: | Dec.03,2023 |
| Plant Part Used: | Overground Part | Analysis Date: | Dec.06,2023 |
| Quantity: | 735kgs | Expire Date: | Dec.02,2025 |
| ITEM | STANDARD | TEST RESULT | TEST METHOD |
| Polyphenol | ≥4.00% | 4.21% | UV |
| Physical & Chemical | | | |
| Appearance | Brown-green Fine Powder | Complies | Visual |
| Odor & Taste | Characteristic | Characteristic | Organoleptic |
| Particle Size | 95% pass 80 mesh | Complies | USP<786> |
| Loss on Drying | ≤5.0% | 3.19% | USP<731> |
| Ash | ≤5.0% | 3.31% | USP<281> |
| Heavy Metal | | | |
| As | ≤2.0ppm | Complies | ICP-MS |
| Pb | ≤2.0ppm | Complies | ICP-MS |
| Cd | ≤1.0ppm | Complies | ICP-MS |
| Hg | ≤0.1ppm | Complies | ICP-MS |
| Microbiological Test | | | |
| Total Plate Count | ≤1,000cfu/g | Complies | AOAC |
| Yeast & Mold | ≤100cfu/g | Complies | AOAC |
| E.Coli | Negative | Negative | AOAC |
| Salmonella | Negative | Negative | AOAC |
| Staphylococcus | Negative | Negative | AOAC |
| Conclusion:Conforms with Specification, Non-GMO, Allergen Free, BSE/TSE Free. | | | |
| Storage: Stored in cool and dry places. Keep away from strong light and heat. | | | |
| Packing:By 25kgs/Drum, inner by double plastic bag. | | | |
| Shelf Life:24 months under the above condition, and in it's original package. | | | |

Quality Assurance: Liang Yan

