

CERTIFICATE OF ANALYSIS

Product: Hadjoda Cissus Quadrangularis P.E. 2.5% Powder

Botanical Name/INCI: Cissus Quadrangularis

Lot No: BPCCQPEP42026

Cas no. 897-06-3

Best Before: April, 2029

Origin: India

Carrier: Maltodextrin

Sterilization Method: Heat/Steam

GMO Free

| TEST ITEMS | SPECIFICATION | RESULTS | TEST METHODS |
|-------------------------------------|----------------------------------|----------------------------------|--------------------|
| Appearance | Light brown to dark brown powder | Light brown to dark brown powder | Visual |
| Taste & Odor | Characteristic | Characteristic | Visual |
| Identification | Conforms to standard | Conforms | TLC |
| Loss on Drying | NMT 6% | 1.22% | USP/Karl Fischer |
| Sieve Analysis | NLT 95% through 60 mesh | 99.50% | Sieve Screen |
| Bulk Density(Tapped) | 0.20-1.0g/ml | 0.513g/ml | USP/AOAC |
| Heavy Metals | NMT 10ppm | Conforms | ICP-MS |
| Lead(Pb) | NMT 2ppm | 0.067 ppm | ICP-MS |
| Arsenic(As) | NMT 2ppm | 0.051 ppm | ICP-MS |
| Cadmium(Cd) | NMT 0.5ppm | <0.01 ppm | ICP-MS |
| Mercury(Hg) | NMT 0.5ppm | <0.01 ppm | ICP-MS |
| Assay - Total 3-Keto-steroids (ODB) | NLT 2.5% w/w | 3.97% | By Gravimetry |
| MICROBIOLOGICAL ANALYSIS | | | |
| Total Plate Count | NMT 10,000cfu/g | 2,940 cfu/g | USP 42-NF 37<2021> |
| Yeast & Mold | NMT 1,000cfu/g | Not detected/10 cfu/g | USP 42-NF 37<2021> |
| E. Coli | Absent | Absent | USP 42-NF 37<2022> |
| Salmonella | Absent | Absent | USP 42-NF 37<2022> |
| Staphylococcus | Absent | Absent | USP 42-NF 37<2022> |
| Coliforms | Report only | Not detected | Bam C4 sec G |
| <i>Pseudo.aeruginosa</i> | Report only | Absent | USP 42-NF 37<m62> |

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