



汉中天然谷® 生物科技股份有限公司

HANZHONG TRG BIOTECH CO., LTD.

http: www.trgbio.com

SPECIFICATION SHEET

| | | | |
|----------------------|-------------------------|------------|-------------|
| Product Name | Maca Extract | Plant Part | Root |
| Botanical Latin Name | <i>Lepidium Meyenii</i> | Shelf Life | Three Years |
| Country of Origin | China | Solvent | Water |

| Item | Specification | Test Methods |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------|
| Ratio | 4:1 | / |
| Identification | Confirms to standards | TLC |
| • Chemical Physical Control | | |
| Particle size | 100% pass 80 mesh | USP<786> |
| Loss on drying | ≤5.0% | USP<731> |
| Residue on Ignition | ≤5.0% | USP<281> |
| Bulk Density | 40-70g/100ml | USP<616> |
| Appearance | Fine Powder | Visual |
| Color | Yellow Brown | Visual |
| Odor | Typical | Organoleptic |
| Taste | Typical | Organoleptic |
| Heavy Metals | ≤20ppm | CP2020 |
| Arsenic (As) | ≤2ppm | ICP-MS |
| Lead (Pb) | ≤3ppm | ICP-MS |
| Mercury(Hg) | ≤0.5ppm | ICP-MS |
| Cadmium(Cd) | ≤1ppm | ICP-MS |
| Pesticides Residue | Meet USP Requirements | USP34 <561> |
| • Microbiology Control | | |
| Total Plate Count | ≤5,000cfu/g | AOAC 990.12 |
| Total Yeast & Mold | ≤300cfu/g | AOAC 997.02 |
| Escherchia Coli | Absent | AOAC-OMA 991.14 |
| Salmonella Species | Absent | AOAC-RI 061301 |
| Staphylococcus aureus | Absent | AOAC-OMA 2003.07 |
| • General Status | | |
| Sterilization Method | High Temperature & Pressure | / |
| • Packing & Storage | Packed in paper-drums and two plastic-bags inside.N.W.:25kgs Store in a well-closed container. Away from moisture. | |
| • Storage Condition | Sealed and stored away from direct sunlight and heat. | |