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# SPECIFICATION SHEET

## Mucuna Pruriens Extract L-dopa 40% HPLC

| | | | |
|---|---|---|---|
| **Batch Quantity** | 500KG | | |
| **Appearance** | Off-White to White Fine Powder | **Country of Origin** | China |
| **Sterilization Method** | Heat \|\| NON-IRR | **Kosher \|\| Halal** | Yes \|\| No |

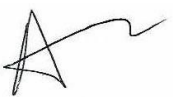
| **ITEMS** | **SPECIFICATION** | **METHOD** |
|---|---|---|
| Content | L-dopa≥40% | HPLC \|\| USP<621> |
| Identification | Correspond to standard | TLC \|\| USP<201> |
| **PHYSICAL CHARACTERISTICS** | | |
| Particle Size | NLT 95% Through 80 mesh | Analytical sieving \|\| USP <786> |
| Loss on Drying | NMT 1.00% | USP <731> |
| Total Ash | NMT 0.50% | USP <561> |
| Related substances | ≤0.5% | UPS |
| PH | 4.5-7.0 | UPS |
| Absorbance | 137°-147° | UPS |
| Optical rotation | -1.27°~ -1.34° | UPS |
| Bulk Density | Between 40-60g/100ml | USP <616> Method I |
| **CHEMICAL CHARACTERISTICS** | | |
| Residual Solvent | NMT 5000ppm | GC \|\| USP <467> |
| Pesticide Residue | Meet the requirements | GC \|\| USP <561> |
| Heavy Metals(as Pb) | NMT 10ppm | USP <231> Method II |
| Arsenic (As) | NMT 2ppm | ICP-MS |
| Lead (Pb) | NMT 2ppm | ICP-MS |
| Cadmium(Cd) | NMT 1ppm | ICP-MS |
| Mercury(Hg) | NMT 1ppm | ICP-MS |
| **MICROBIOLOGICAL CHARACTERISTICS** | | |
| Total Plate Count | NMT10000cfu/g | USP<61> |
| Total Yeast & Mold | NMT1000cfu/g | USP<61> |
| E.Coli | Not Detected in(g) 10 | USP<61> |
| Salmonella | Not Detected in(g) 25 | USP<61> |
| Staphylococcus | Not Detected in(g) 10 | USP<61> |

**Packing and Storage**

Polyethylene bag with cardboard drum. 25kg net.
Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by :



Abdullah Malik (QA)