



## Certificate of Analysis

|                 |                                           |                   |               |
|-----------------|-------------------------------------------|-------------------|---------------|
| Product Name:   | <b>Mucuna Pruriens Extract</b>            | Batch Number:     | <b>Varies</b> |
| Botanical Name: | <b><i>Mucuna pruriens var. utilis</i></b> | Manufacture Date: | <b>Varies</b> |
| Used part:      | <b>Seeds</b>                              | Expiry Date:      | <b>Varies</b> |

| IDENTIFICATION |                                | SPECIFICATION        | RESULT         |
|----------------|--------------------------------|----------------------|----------------|
| Assay (HPLC)   |                                | ≥ 98%                | 98.05 - 99.30% |
| Physical       | Appearance                     | White powder         | Complies       |
|                | Odor & Taste                   | Characteristic       | Complies       |
|                | Particle Size                  | 100% pass 80 mesh    | Complies       |
|                | Loss on drying                 | ≤ 5%                 | 0.24 - 0.50%   |
|                | Total ash                      | ≤ 5 - 10%            | 0.06 - 0.45%   |
| Chemical       | Lead (Pb)                      | ≤ 2 - 3 ppm          | Complies       |
|                | Arsenic (As)                   | ≤ 1 - 2 ppm          | Complies       |
|                | Cadmium (Cd)                   | ≤ 1 - 2 ppm          | Complies       |
|                | Mercury (Hg)                   | ≤ 0.1 - 1 ppm        | Complies       |
| Microbial      | Total Plate Count              | ≤ 1000 - 10000 cfu/g | Complies       |
|                | Yeast & Mold                   | ≤ 100 - 1000 cfu/g   | Complies       |
|                | Coliforms, Pathogenic bacteria | Negative             | Complies       |

|      |                   |                                     |
|------|-------------------|-------------------------------------|
| Else | Storage condition | Sealed, kept in shady and dry place |
|      | Shelf life        | Three years                         |

