

# Total Ingredients

## CERTIFICATE OF ANALYSIS MACA EXTRACT 10:1

|                                                                                                                                                                       |                                                        |               |                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------|-------------------------|
| <b>Product</b>                                                                                                                                                        | Maca Extract 10:1                                      |               |                         |
| <b>Product Code</b>                                                                                                                                                   | THX1232                                                |               |                         |
| <b>Batch No</b>                                                                                                                                                       | THLX/MAC/211/22                                        |               |                         |
| <b>Date of Manufacturing</b>                                                                                                                                          | Sept 2022                                              |               |                         |
| <b>Re- Analysis Date</b>                                                                                                                                              | Aug 2025                                               |               |                         |
| <b>Quantity</b>                                                                                                                                                       | 250 Kg                                                 |               |                         |
| <b>Extraction solvent</b>                                                                                                                                             | Water                                                  |               |                         |
| <b>Herb Ratio</b>                                                                                                                                                     | 10:1                                                   |               |                         |
| <b>Botanical name</b>                                                                                                                                                 | <i>Lepidium meyenii</i>                                |               |                         |
| <b>Plant part</b>                                                                                                                                                     | Root                                                   |               |                         |
| <b>Country of Origin</b>                                                                                                                                              | India                                                  |               |                         |
| <b>Parameter</b>                                                                                                                                                      | <b>Specification</b>                                   | <b>Result</b> | <b>Method/Protocols</b> |
| <b>Physical</b>                                                                                                                                                       |                                                        |               |                         |
| Description                                                                                                                                                           | Brown Yellow powder with characteristic taste and odor | Complies      | Physical                |
| Loss on drying                                                                                                                                                        | Not more than 5.0%                                     | 3.23%         | USP<731>                |
| Ash content                                                                                                                                                           | Not more than 5.0%                                     | 3.61%         | USP<561>                |
| Particle size 80 #                                                                                                                                                    | Not less than 95%                                      | Complies      | USP<786>                |
| Bulk Density                                                                                                                                                          | Between 0.40-0.60 g/ml                                 | 0.50g/ml      | USP<616>                |
| <b>Others</b>                                                                                                                                                         |                                                        |               |                         |
| Heavy metals                                                                                                                                                          | < 10.0 ppm                                             | Complies      | USP<852>                |
| Lead                                                                                                                                                                  | Not more than 1.0 ppm                                  | Complies      | USP<852>                |
| Cadmium                                                                                                                                                               | Not more than 1.0 ppm                                  | Complies      | USP<852>                |
| Arsenic                                                                                                                                                               | Not more than 1.0 ppm                                  | Complies      | USP<852>                |
| Mercury                                                                                                                                                               | Not more than 0.5 ppm                                  | Complies      | USP<852>                |
| <b>Chemical</b>                                                                                                                                                       |                                                        |               |                         |
| Extraction ratio                                                                                                                                                      | 10:1                                                   | Complies      | By TLC                  |
| <b>Microbiological Profile</b>                                                                                                                                        |                                                        |               |                         |
| Total plate count                                                                                                                                                     | Not more than 1,000cfu/g                               | Complies      | USP<61>                 |
| Yeast and mould count                                                                                                                                                 | Not more than 100cfu/g                                 | Complies      | USP<61>                 |
| <i>Escherichia coli</i>                                                                                                                                               | Absent                                                 | Absent        | USP<62>                 |
| <i>Salmonella</i>                                                                                                                                                     | Absent                                                 | Absent        | USP<62>                 |
| Since the product is derived from natural origin, there is likely to be minor color variation because of the geographical and seasonal variations of the raw material |                                                        |               |                         |
| <b>REMARKS: COMPLIES WITH IN HOUSE SPECIFICATIONS</b>                                                                                                                 |                                                        |               |                         |

**Declaration:-**

GMO Status:- Free from GMO  
Irradiation status: Non – Irradiated

Allergen statement: -Free from allergen  
Storage condition: -At room temperature

Prepared by  
Executive – QC

Approved by  
Head-QC/QA

\*The product is manufactured by Pure TruHerb Pvt. Ltd.