



CERTIFICATE OF ANALYSIS

Product name: Maca Extract			
Latin Name	<i>Lepidium meyenii Walp</i>	Plant Part	Root
Extract ratio	4:1	Carrier	Maltodextrin(15%-20%)
extraction solvent	Water and Ethanol	Solubility	Watersoluble
Quantity	1000kg	Batch Number	20250910
Manufacture Date	2026-01-10	Expiry Date	2028-01-09

Item	Standard	Result	Analysis Method
Typical Analysis			
Identification	Positive	Positive	TLC
Appearance	Brown yellow fine powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Particle Size	95% pass 80 mesh	Conforms	Sieving
Loss on drying	≤5.0%	3.26%	GB 5009.3
Ash	≤5.0%	2.18%	GB 5009.4
Heavy Metals			
Heavy Metals	≤ 10ppm	Conforms	AAS
Arsenic (As)	≤ 2ppm	Conforms	AAS
Lead (Pb)	≤ 1ppm	Conforms	AAS
Mercury (Hg)	≤ 1ppm	Conforms	AAS
Cadmium(Cd)	≤ 1ppm	Conforms	AAS
Microorganism			
Total Plate Count	≤ 1000 cfu/g	Conforms	GB 4789.2-2016
Total Yeast & Mold	≤ 100 cfu/g	Conforms	GB 4789.15-2016
E.Coli.	Negative	Conforms	GB 4789.3- 2016
Salmonella	Negative	Conforms	GB 4789.4- 2016
Package	Packed in drum & two plastic-bags inside, Net Weight: 25Kg/ drum		
Storage	Stored in a well- closed container away from moisture and direct sunlight at ambient temperature.		
Shelflife	Two years when stored properly		