



Hongda
Phytochemistry

Tel: +86(029)89611711,626-709-5642

Web: www.jhdcorp.com

E-mail: info@jhdcorp.com

Headquarter: 1932 S Lynx Place, Ontario, CA 91761,US

Factory: No.2, Hongda Industrial District, Dacheng, Sanyuan, Xianyang, Shaanxi,China.

USA Warehouse: 1932 S. Lynx PL, Ontario, CA 91761,US

NJ Warehouse: 52 Butler Street, Unit A Elizabeth, NJ 07206

Certificate of Analysis

Organic Maca Root Powder

Batch No.	MK210316	Manufacturing Date	03/16/2021
Batch Quantity	1000KG	Expiration Date	03/15/2024
Botanical Source	<i>Lepidium Meyenii Walp</i>	Country of Origin	Peru
Appearance	Beige- Brownish Fine Powder	Part Used	Pure Root
Sterilization Method	Heat NON-IRR	Kosher Halal	Yes Yes

ITEMS	SPECIFICATION	RESULT	METHOD
Identification	Correspond to standard	Conform	TLC USP<201>

PHYSICAL CHARACTERISTICS

Particle Size	NLT 95% Through 40 mesh	98.00%	Analytical sievingUSP <786>
Loss on Drying	NMT 10.00%	5.30%	USP <731>
Total Ash	NMT 30.00%	Conform	USP <561>
Solubility	Partially Water soluble	Partially Soluble	In House

CHEMICAL CHARACTERISTICS

Pesticide Residue	Meet the requirements	Conform	GC USP <561>
Heavy Metals(as Pb)	NMT 10ppm	Conform	USP <231> Method II
Arsenic (As)	NMT 2ppm	0.100ppm	ICP-MS
Lead (Pb)	NMT 2ppm	0.128ppm	ICP-MS
Cadmium(Cd)	NMT 1ppm	0.163ppm	ICP-MS
Mercury(Hg)	NMT 1ppm	Not Detected	ICP-MS

MICROBIOLOGICAL CHARACTERISTICS

Total Plate Count	NMT50000cfu/g	6000cfu/g	USP<61>
Total Yeast & Mold	NMT5000cfu/g	< 1000cfu/g	USP<61>
E.Coli	Not Detected in(g) 10	Not Detected	USP<61>
Salmonella	Not Detected in(g) 25	Not Detected	USP<61>
Staphylococcus	Not Detected in(g) 10	Not Detected	USP<61>

Packing and Storage Polyethylene bag with cardboard drum. 44lb.
Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Tested by:

Tracy Cui

Approved by:

Jack Joa