

Certificate of Analysis

Product Name	Yellow Maca Extract	Botanical Source	<i>Lepidium meyenii Walp.</i>
Batch No.	MDG20210723	Manufacturing Date	Jul.23th,2021
Batch Quantity	1,500kg	Expiration Date	Jul.22th,2023

Item	Specification	Result	Method
Specification	10:1	10:1	TLC
Physical Characteristics			
Appearance	Yellow Brown powder	Conforms	Visual
Odor	Characteristic	Conforms	GB/T 5492-2008
Taste	Characteristic	Conforms	GB/T 5492-2008
Part Used	Root	Conforms	/
Particle Size	100% Through 80mesh	Conforms	80mesh Screen
Ash	≤5.0%	3.66%	GB 5009.4
Loss on drying	≤5.0%	3.25%	GB 5009.3
Heavy metals			
Total Heavy Metals	≤10ppm	Conforms	GB/T 5009
As	≤2ppm	Conforms	GB/T 5009.11
Pb	≤3ppm	Conforms	GB/T 5009.12
Cd	≤1ppm	Conforms	GB/T 5009.15
Hg	≤0.1ppm	Conforms	GB/T 5009.17
Microbiological Tests			
Total Plate Count	≤1,000 cfu/g	Conforms	GB/T 4789.2
Total Yeast & Mold	≤100 cfu/g	Conforms	GB/T 4789.15
E. Coli	Negative	Negative	GB/T 4789.3
Salmonella	Negative	Negative	GB/T 4789.4
Packing & Storage	Packed in paper-drums and two plastic-bags inside. Store in a well-closed container.		
Shelf life	Two years when stored properly		

Analyst: Guo Shan

Date: 2021.07.23

Approved: Gloria Yang, Ph.D

Date: 2021.07.23

