

## 检验报告单(Certificate of Analysis)

玛卡提取物 10:1 (MACA EXTRACT 10:1)

<b>Botanical Source</b>	Lepidium Meyenii Walp	<b>Part Used</b>	Root
<b>Batch No.</b>	RB2018091201	<b>Mfg. Date</b>	2018.09.12
<b>Batch Quantity</b>	600kg	<b>Expiration Date</b>	2020.09.11

Item	Specification	Result	Method
<b>Maker Compounds</b>	10:1	10:1	TLC
<b>Identification</b>	Complies by TLC	Complies	TLC
<b>Organoleptic</b>			
Appearance	Fine Powder	Fine Powder	Visual
Color	Brown-yellow	Brown-yellow	Visual
Odor	Characteristic	Characteristic	Organoleptic
Taste	Characteristic	Characteristic	Organoleptic
Method of Extraction	Soak and Extraction	N/A	N/A
Extraction Solvents	Ethanol	N/A	N/A
Excipient	None	N/A	N/A
<b>Physical Characteristics</b>			
Particle Size	NLT 100%Through 80 mesh	Complies	USP < 786 >
Loss on Drying	≤5.00%	2.82%	USP
Ash content	≤5.00%	1.69%	USP
Bulk Density	40-60g/100ml	52g/100ml	USP < 616 >
<b>Heavy metals</b>			
Residual Solvent Ethanol	<5000ppm	< 10ppm	GC
Irradiation detection	Not irradiated(PPSL <700)	Complies	PPS L(CQ-MO-572)
Allergen detection	Non ETO Treated	Complies	USP
Heavy metals(as Pb)	USP standards(< 10ppm)	< 10ppm	USP < 231 >
Arsenic (As)	≤3ppm	Complies	ICP-OES(CQ-MO-247)
Lead (Pb)	≤3ppm	Complies	ICP-OES(CQ-MO-247)
Cadmium(Cd)	≤1ppm	Complies	ICP-OES(CQ-MO-247)
Mercury(Hg)	≤0.1ppm	Complies	ICP-OES(CQ-MO-247)
<b>Pesticide Residue</b>	Non-detected	Non-detected	USP < 561 >
<b>Microbiological Tests</b>			
Total Plate Count	NMT1000cfu/g	Complies	FDA-BAM
Total Yeast & Mold	NMT100cfu/g	Complies	FDA-BAM
E.Coli	Negative	Negative	FDA-BAM
Salmonella	Negative	Negative	FDA-BAM
<b>Conclusion</b>	<b>Complies to the above requirements.</b>		
Packing and Storage	25kg carton drum;Stored in a well-closed container in cool and dry,away from sunlight and moisture.		

QC. Supervisor: Shuang Chen

Analyst:Zhuo Liang