



CERTIFICATE OF ANALYSIS

Product Name	Luo Han Guo (Monk fruit) Extract		
Batch No.	210314	Used Part	Fruit(100% Natural)
Quantity	1000kg	Product Date	2021/03/14
Botanical source	Momordica Grosvenori	Expiry Date	2023/03/13
Analysis Item	Specification	Result	Method
Assay	Total Mogrosides 80%	80.25%	UV
Assay	Mogroside V	25.62%	HPLC
Physical Control			
Appearance	Light yellow powder	Conforms	Visual
Odor	Characteristic	Conforms	GB/T 5492-2008
Sieve Analysis	95% pass 80 mesh	Conforms	Physical Method
Loss on Drying	≤5.0%	2.68%	METTLER TOLEDO HB43-S Moisture Meter
Chemical Control			
Arsenic (As)	<0.5ppm	Conforms	USP39<2232>
Lead (Pb)	<0.5ppm	Conforms	USP39<2232>
Cadmium(Cd)	<0.5ppm	Conforms	USP39<2232>
Mercury(Hg)	<0.1ppm	Conforms	USP39<2232>
Heavy Metals	<10ppm	Conforms	Colorimetric method
Pesticides Residues	Conform with USP Standard	Conforms	USP39<561>
Microbiological Control			
Total Plate Count	<1000cfu/g	Conforms	GB4789.2-2016
Yeast & Mold	<100cfu/g	Conforms	GB4789.15-2016
E.Coli	≤30cuf/g	Conforms	GB4789.3-2016
Salmonella	Negative	Conforms	GB4789.4-2016
Staphylococcin	Negative	Conforms	GB4789.10-2016
Conclusion	Conform to Enterprise standard		
Packing	Pack in paper-drums and two plastic-bags inside. Net Weight: 20kgs/drums		
Storage	Store in cool & dry place between 15°C-25°C. Do not freeze. Keep away from strong light and heat.		
Shelf life	2 years when properly stored		
Analyst	Ma Liang	Review	Liu Aiqin
		Supervisor of QC	Li Min

