



Certificate of Analysis

Caralluma Fimbriata Powder

Batch No.	XRZ-200316	Manufacturing Date	March 16, 2020
Batch Quantity	1000KG	Expiration Date	March 15, 2023
Botanical Source	<i>Caralluma Fimbriata</i>	Country of Origin	China
Appearance	Light Greenish Powder	Part Used	Stem (100% Natural)
Sterilization Method	Heat NON-IRR	Kosher Halal	Yes No

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

PHYSICAL CHARACTERISTICS

Odor	Typical	Typical	Organoleptic
Taste	Typical	Typical	Olfactory
Particle Size	NLT 95% Through 40 mesh	99.10%	Analytical sieving USP <786>
Loss on Drying	NMT 10.00%	5.20%	USP <731>
Total Ash	NMT 10.00%	5.80%	USP <561>
Loose Bulk Density	Between 40-60g/100ml	46.00g/100ml	USP <616> Method I

CHEMICAL CHARACTERISTICS

Residual Solvent	NMT 5000ppm	Conform	GC USP <467>
Pesticide Residue	Meet the requirements	Conform	GC USP <561>
Heavy Metals(as Pb)	NMT 10ppm	Conform	USP <231> Method II
Arsenic (As)	NMT 2ppm	<1ppm	ICP-MS
Lead (Pb)	NMT 2ppm	<1ppm	ICP-MS
Cadmium(Cd)	NMT 1ppm	<1ppm	ICP-MS
Mercury(Hg)	NMT 1ppm	<0.5ppm	ICP-MS

MICROBIOLOGICAL CHARACTERISTICS

Total Plate Count	NMT10000cfu/g	1600cfu/g	USP<61>
Total Yeast & Mold	NMT1000cfu/g	<100cfu/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. 25kg net.
Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Tested by: *Troy Cui* **Date:** 03/22/2020

Approved by: *Jack Jia* **Date:** 03/22/2020