



Shaanxi Hongda Phytochemistry Co.,Ltd

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Certificate of Analysis

Yerba Mate Extract 10:1 TLC

Batch No.	HD-YME240811	Manufacturing Date	08/11/2024
Batch Quantity	1000KG	Expiration Date	08/11/2026
Botanical Source	Yerba Mate	Country of Origin	China
Appearance	Brown Yellow Powder	Part Used	Leaf
Sterilization Method	Heat NON-IRR	Kosher Halal	Yes Yes
Shelf Life	2 Years	Pack	25kg/Drum

ITEMS	SPECIFICATION	RESULT	METHOD
Assay	10:1	Conform	TLC USP<201>
Identification	Correspond to standard	Conform	TLC USP<201>
PHYSICAL CHARACTERISTICS			
Particle Size	NLT 95% Through 80 mesh	98.0%	Analytical sieving USP <786>
Loss on Drying	NMT 5.00%	3.20%	USP <731>
Total Ash	NMT 5.00%	1.60%	USP <561>
Bulk Density	Between 40-60g/100ml	Conform	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	Conform	ICP-MS
Lead (Pb)	NMT 2ppm	Conform	ICP-MS
Cadmium(Cd)	NMT 1ppm	Conform	ICP-MS
Mercury(Hg)	NMT 0.1ppm	Conform	ICP-MS
MICROBIOLOGICAL CHARACTERISTICS			
Total Plate Count	NMT1000cfu/g	≤100cfu/g	USP<61>
Total Yeast & Mold	NMT100cfu/g	≤10cfu/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: Huihui Zhou

Approved by: [Signature]

