

Certificate of Analysis

Product Name	α-Mangostin	Batch Number	YG2022101001
Used part	Fruit	Manufacture Date	20221010
Origin	China	Analysis Date	20221011
Quantity	200kg	Expiry Date	20241009

ITEMS	SPECIFICATION	RESULTS	TEST METHODS
Effective Content	10%	10.35%	HPLC
Physical & Chemical			
Appearance	Brown Yellow	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Ash	≤ 10%	Conforms	ChP
Particle size	95% passes 80 mesh	Conforms	ChP
Extract Solvents	Ethanol		
Loss on Drying	≤ 5%	3.46%	ChP
Density	45-75g/100ml	67g/100ml	ChP
Solubility	Ethanol		ChP
Hexachlorobiphenyl	<0.2ppm	0.02ppm	GC
DDT	<0.2ppm	0.01ppm	GC
Heavy metals			
Arsenic (As)	≤ 1ppm	0.3ppm	Atomic Absorption
Lead(Pb)	≤ 1ppm	0.7ppm	Atomic Absorption
Mercury(Hg)	≤ 0.1ppm	0.05ppm	Atomic Absorption
chrome(Cr)	≤ 0.5ppm	0.33ppm	Atomic Absorption
Resident Solve	≤ 0.05%	0.03%	GC
Microbiological			
Total Plate Count	≤ 1000cfu/g	350cfu/g	AOAC/Petrifilm
Total Yeast & Mold	≤ 100cfu/g	50cfu/g	AOAC/Petrifilm
E.Coli	Negative	Conforms	AOAC/Petrifilm
Salmonella	Negative	Conforms	AOAC/Petrifilm
Packing	With double-layer plastic bags, external aluminum foil bag or 25kg cardboard drum.		
Storage	Placed in a cool dry, dark, avoid high temperature Department.		