

Certificate of Analysis

Product Name: Monk Fruit Extract

CAS No.:	88901-36-4	Product Code.:	MFE50
Manufacture Date:	NOV.07, 2025	Retest Date:	NOV.06, 2027
Batch Quantity:	500KG	Batch Number:	20251107

GENERAL INFORMATION

Botanical Name:	Siraitia grosvenorii(Swingle)C. Jeffrey	Plant Part Used:	Fresh monk fruit
Preservatives:	None		
Solvents Used:	Edible ethanol & pure water		
Declarations:	Non-GMO, Non-Irradiated, Non-ETO, TSE/BSE Free, Allergen Free, Gluten Free		
Certifications:	Kosher, Halal, ISO22000, Haccp, FSMA, BRC, Non-GMO		
Storage:	Stored in tightly-sealed, light-resistant containers, protected from moisture and direct sunlight,Temp. 15~30'C and stored at clean, cool, dry, and insect & rodent free warehouse		
Packing:	Inside 20 Kg or client's requirement; With food grade plastic inner bag, outside with fiber drum or carton.		

ANALYSIS ITEM	SPECIFICATIONS	RESULTS	METHODS
IDENTIFICATION ANALYSIS			
Identification	TLC-Positive	Positive	TLC Chromatogram
ACTIVE INGREDIENTS			
Mogroside-V	> 50.0%	50.18%	GB1886.77-2016 Appendix A A.4
GENERAL DESCRIPTION			
Appearance	Off white to white fine powder	Conforms	Visual Analysis
Odor	Characteristic, free from off-odors	Conforms	Organoleptic Analysis
Taste	Characteristic, free from off-tastes	Conforms	Organoleptic Analysis
Sweetness	For information only	About 200 times sweeter than sugar (0.1g/100ml)	Organoleptic Analysis

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PHYSICAL/CHEMICAL ANALYSIS			
Loss on Drying	<6.0%	3.22%	GB 5009.3
Ash	<2.0%	0.07%	GB 5009.4
Particle size	NLT 95% through #80 mesh	Pass	Sieve Analysis
Heavy Metals			
Heavy Metal	<10.0 ppm	<10.0 ppm	GB 5009.74
Arsenic (As)	<1.0 mg/kg	0.0013 mg/kg	GB 5009.11
Lead (Pb)	<1.0 mg/kg	0.0016 mg/kg	GB 5009.12
Cadmium (Cd)	<0.3 mg/kg	0.0014 mg/kg	GB 5009.15
Mercury (Hg)	<0.1 mg/kg	0.0015 mg/kg	GB 5009.17
Pesticides Analysis			
Maximum Residual Pesticides Limitation	Meet USP40 requirement	Conforms	USP40: PROCEDURE: ARTICLES OF BOTANICAL ORIGIN, General Method for Pesticide Residues Analysis <561>
Solvents Analysis			
Maximum Residual Ethanol Limitation	<0.5%	Conforms	GB 5009.262
MICROBIOLOGICAL ANALYSIS			
Total Aerobic Plate Count	< 1,000 CFU/g	< 10 CFU/g	GB 4789.2
Total Yeast and Mold	< 100 CFU/g	< 10 CFU/g	GB 4789.15
Coliforms	< 10 CFU/g	< 10 CFU/g	GB 4789.3
Salmonella	Negative/25g	Negative/25g	GB 4789.4
Escherichia coli	Negative/g	Negative/g	GB 4789.38
Staphylococcus Aureus	Negative/g	Negative/g	GB 4789.10

Check by:	Dan, Wang	Date:	Nov.07, 2025
Authorized by:	Shankar Roy	Date:	Nov.07, 2025

