



LANGING SWEETENERS

LanKing Sweetener™

Specification Sheet Of Monk Fruit Extract

Product Name	Monk Fruit Extract	
Latin Name	Siraitia Grosvenorii	
Extract Part	Fruit	
Extract Solvent	Water	
Country of origin	China	
ITEMS	SPECIFICATION	METHOD
Appearance	White powder	Visual
Odor and Taste	Characteristic	Organoleptic
Identifications	Positive	TLC
Assay	Mogroside V 50%	HPLC
Moisture Content	NMT 5.0%	METTLER TOLEDO HB43-S Moisture Meter
Ash	NMT 2.0%	2g / 525C / 5hrs
Sieve Analysis	100% pass 80 mesh	80 Mesh Screen
Heavy Metals	10ppm Max	Colorimetric method
Lead(Pb)	NMT 0.5ppm	Atomic Absorption
Arsenic(As)	NMT 0.5ppm	Atomic Absorption
Mercury(Hg)	NMT 0.1ppm	Atomic Absorption
Cadmium(Cd)	NMT 0.5ppm	Atomic Absorption
Pesticides Residue	USP/EP standard	Gas Chromatography
Solvents Residue	USP/EP standard	Gas Chromatography
Total Plate Count	1000cfu/ml Max	AOAC/Petrifilm
Yeast and moulds	100cfu/g Max	AOAC/Petrifilm
E.coli	Negative	AOAC/Petrifilm
Salmonella	Negative	AOAC/Neogen Elisa
Packing and Storage	Pack in aluminum-drums and two foil-bags inside. Net Weight: 20kgs/drums. Store in a well-closed container away from moisture.	
Shelf Life	3 years if sealed and store away from direct sun light at 0-25°C.	