



LANKING 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 | Yellowish powder | Visual |
| Odor and Taste | Characteristic | Organoleptic |
| Identifications | Positive | TLC |
| Assay | Mogroside V 25% | 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. | |