



Technical Data sheet

Product Name: Monk Fruit Extract,
Botanical source: *Siraitia Grosuenerii*
Active ingredients: Mogrosides
Specification: 20%-98%
Grade: Food grade
Part used: Monk Fruit
Appearance: Fine yellowish white powder
Test method: HPLC



Golden Horizon
Biologics



Introduction:

The Monk Fruit plant is cultivated for its fruit, whose extract is nearly 300 times sweeter than sugar and has been used as a low-calorie sweetener. The sweet taste of the fruit comes mainly from mogrosides, a group of triterpene glycosides that make up about 1% of the flesh of the fresh fruit. Through solvent extraction, a powder containing 80% mogrosides can be obtained, the main one being mogroside-5 (esgoside).

It is used for Traditional Chinese medicine and applies to cure disease, such as high blood pressure, pulmonary tuberculosis, asthma, gastritis, whooping cough, acute & chronic tracheitis and acute & chronic tonsillitis, etc. Luo Han Guo fruit and its extract are dual-use in therapeutic and health products. At present, Luo Han Guo is allowed to use as a food additive in these countries: Japan, Korea, Thailand, Singapore, Europe, USA (GRAS Approved), Australia and China, etc.

General Benefits:

1. Used in Traditional Chinese medicine for colds, coughs, sore throats, gastrointestinal disorder, as well as blood purifier
2. Antioxidant, scavenging free radical activity, Improve immunity.
3. It's stable, non-fermentable additive ideal for diabetics, as it is easily soluble in water without any sediment, and contains 80% or more mogrosides which is 300 times sweeter than cane sugar and much more lower in calories (Zero calories ingredient).
4. Contains high amounts of amino acid, fructose, vitamins and minerals.

Application:

Functional food, drinks, health care products and pharmaceuticals.



Technical specification:

Product Name	Monk Fruit Extract
Latin Name	<i>Siraitia Grosvenorii</i>
Part used	Fruit
Country of Origin	P. R. China
ANALYSIS	SPECIFICATION
Assay	20%,50% Mogrosides
Appearance	Fine Yellowish White Powder
Ash	≤2.0%
Loss on drying	≤5.0%
Heavy Metal	NMT10ppm
Pb	NMT0.05ppm
As	NMT0.5ppm
Hg	NMT0.1ppm
Cd	NMT0.5ppm
Odor	Characteristic
Particle size	100% through 80 mesh
Microbiological	
Total Plate Count	<1000cfu/g
Yeast & Mold	<100cfu/g
E.Coli	Negative
Salmonella	Negative
Staphylococcus aureus	Negative

Packaging Details:

Package: 25kgs/fiber drum, inner with double-layer plastic bags.

Storage: Store in cool & dry place, No freezing, and keep away from direct light and heat.

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