

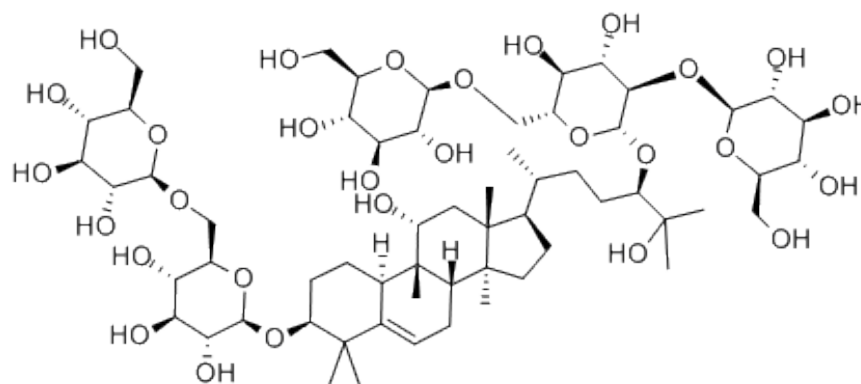


Luo Han Guo Extract





- English Name: Luo Han Guo Extract
- Latin Name: *Siraitia grosvenorii*
- Extract Part: Fresh Fruit
- Molecular Formula: $C_{60}H_{102}O_{29}$ (Mogroside V)
- Molecular Weight: 1287.44(Mogroside V)
- Active ingredient: Mogrosides, Mogroside V
- Specification: 80%-95% Mogrosides, 25%-55% Mogroside V
- Appearance: Brown yellow to White Fine powder
- Test method: HPLC
- Identification: TLC
- Solubility: Good in water/ethanol solubility
- Extract Method: Grain alcohol / Water
- Brand Name: Hunan Nutramax Inc.
- Model Number: Nutramax-LHG





Specification of Luo Han Guo Extract

Mogrosides	Mogroside V	Color
80%	25%-30%	Brown fine Powder
90%	30%-45%	Milk White fine Powder
95%	45%-55%	Milk White fine Powder





What is Luo Han Guo Extract produced in Hunan NutraMax Inc. ?

- Luo Han Guo is an herbaceous perennial vine of the Cucurbitaceae (gourd) family, native to southern China and northern Thailand. The plant is cultivated for its fruit, whose extract is nearly 300 times sweeter than sugar and has been used in China as a natural low-calorie sweetener for cooling drinks, and in traditional Chinese medicine to treat diabetes and obesity.
- Luo Han Guo is collected as a round green fruit that turns brown upon drying. The sweet taste of Luo Han Guo comes primarily from Mogrosides, a group of terpene glycosides, present at the level of about 1% of the fleshy part of the fruit. Both the fresh and dried fruits are extracted to yield a powder that is 80% or more Mogrosides. The Mogrosides have been numbered, I-V, and the main component is called Mogroside V, previously known as esgocide . Other, similar compounds from Luo Han Guo have been labelled siamenosneomogrosideide and . The mixed Mogrosides are estimated to be about 300 times as sweet as sugar by weight, so that 80% Mogrosides of the extracts are nearly 250 times sweeter than sugar. The pure Mogrosides IV and V may be 400 times as sweet as sugar by weight.





Where will NutraMax' s Luo Han Guo Extract used for ?

- A natural sweetener without any calorie which is beneficial for diabetic.
- Strong antioxidant properties.
- To relieve cough and expectorant.
- To improve immunity.
- Does not stimulate insulin production or fat storage.
- To protect liver.
- Promoting heart health.





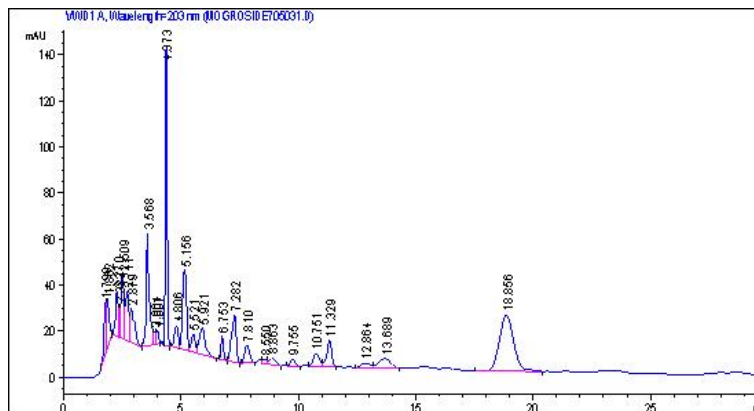
Application of NutraMax 's Luo Han Guo Extract ?

- Beverages and foods
- Medicine
- Dietary supplement





Test Chromatogram of Luo Han Guo Extract



TESTED BY THE THIRD LAB: NSF



NSF International

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TEST REPORT

测试报告





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