

Niutang Monk Fruit50

DESCRIPTION:

Niutang Monk Fruit50 is an extract of the Luo Han Guo fruit and mogroside V is the principal sweetening component. Other components include: mogroside II, mogroside III, mogroside IV, mogroside VI, flavonoids, melanoidins, and protein fragments. It is off-white to light yellow powder, and a non-nutritive sweetener. Monk Fruit Extract is freely soluble in water and is approximately 150-250 times sweeter than sucrose.

COMMON NAMES: *Siraitia grosvenorii* Extract, Luo Han Gui Extract, Monk Fruit Extract

FORMULA: C₆₀H₁₀₂O₂₉ (mogroside V) **MOLECULAR WEIGHT:** 1287.43

CAS: 88901-36-4 (mogroside V)

This material is Kosher, Parve and Halal Certified. It is extracted from a Non-GMO fruit.

SUGGESTED USES/APPLICATIONS

Beverages, Table-top sweeteners, Baked Goods, Cereals, Confections, Dairy

SPECIFICATIONS:

Test Item	Specification	Test Method or Reference
Identification	Meet Requirements	Internal
Appearance	Light yellow powder	Internal
Odor	Characteristic	Internal
Taste	Sweet	Internal
Purity (on dry basis)	≥ 50 %	FCC
Loss on Drying (135 C° ± 2 C° 2hr)	≤ 6.0%	FCC
Ash (600 C° 2 hr)	≤ 5.0%	FCC
Arsenic	≤ 0.5 ppm	FCC
Cadmium	≤ 1.0 ppm	FCC
Lead	≤ 1.0 ppm	FCC
Ethanol	≤ 5000 ppm	USP
Methanol	≤ 3000 ppm	USP
Total Aerobic Plate Count	≤ 3000 CFU / g	GB/T
Yeast and Mold Count	≤ 300 CFU / g	GB/T
Coliforms	≤ 30 MPN / 100 g	GB/T
Escherichia Coli	Negative	GB/T
Salmonella	Negative	GB/T
Pseudomonas Aeruginosa	Negative	GB/T
Staphylococcus Aureus	Negative	GB/T
Pesticides	Complies to FCC	FCC

CFU = Colony Forming Units

FCC = Food Chemical Codex

GB/T = National Standard Method

USP/NF = United States Pharmacopia - National Formulary



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PACKAGING:

20 kg or 25 kg PE lined paper bags.

SHIPPING & HANDLING:

Recommended to be shipped in an odor-free environment. Low humidity conditions are recommended to minimize caking/degradation potentials.

STORAGE

Store in tight, light-resistant containers. Avoid exposure to excessive heat.

SHELF LIFE:

The shelf life of this material is 2 years from the date of manufacture if stored in cool, dry environment. Product should be reevaluated if it exceeds expiration date.

LOT CODING:

Example Lot: MOGO1-120701

MOGO1 = Product Code

12 = Year Manufactured: 2012

07 = Month Manufactured: July

01 = First Batch of month