

Monk Fruit Juice Concentrate

DESCRIPTION

Monk Fruit Juice Concentrate 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 light yellow to brown liquid, and a nonnutritive sweetener. Monk Fruit Juice Concentrate is freely soluble in water and is approximately 12-15 times sweeter than sucrose.

Formula: $C_{60}H_{102}O_{29}$ (mogroside V) CAS: 88901-36-4 (mogroside V)

Molecular Weight: 1287.43 EINECS: 695-005-3 Flashpoint: Not Applicable

SUGGESTED USES

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

| Test Item | Specification | Test Method / Reference |
|---------------------------|--------------------------------|-------------------------|
| Identification | Meet Requirements | FCC |
| Appearance | Fine light brown yellow liquid | Internal |
| Odor | Characteristic | Internal |
| Taste | Sweet | Internal |
| Assay | Mogroside V 3.5%±0.2% | FCC |
| Soluble Solids | 65 ±5 Brix | Internal |
| Turbidity (at 10° brix) | ≤ 10 NTU | Internal |
| pH (at 65.0-70.0 brix°) | 3.5 ~ 7.0 | FCC |
| Arsenic | ≤ 0.5 ppm | FCC |
| Cadmium | ≤ 0.1 ppm | FCC |
| Lead | ≤ 0.4 ppm | FCC |
| Mercury | ≤ 0.1 ppm | FCC |
| Heavy Metals | ≤ 10 ppm | FCC |
| Total Aerobic Plate Count | ≤ 1000 CFU/g | GB |
| Yeast and Mold Count | ≤ 100 CFU/g | GB |
| Coliforms | ≤ 3 MPN/g | GB |
| Salmonella | Negative | GB |
| Staphylococcus Aureus | Negative/25g | GB |
| Escherichia Coli | Negative/25g | GB |
| Pesticides | Complies to GB&USP-NF | GB |

FCC = Food Chemical Codex

GB= China National Standard Method

CFU = Colony Forming Units

USP/NF - United States Pharmacopeia-National Formulary

MPN = Most Probable Number



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CONFORMITY WITH

Food Chemicals Codex
This material is Kosher Pareve and Halal Certified

PACKAGING

Pack in plastic-drums and Aseptic bags inside.
Net Weight: 20kg/drum or otherwise agreed upon

SHIPPING & HANDLING

Recommended to be shipped in an odor-free environment.

STORAGE

Store in a well-closed place with constant low temperature(0°C-5°C) and no direct sun light.

SHELF LIFE

The shelf life of this material is 2 years from the date of manufacture if stored in 0°C-5°C, and 1 year in room temperature. Product should be reevaluated if it exceeds expiration date.

LOT CODE EXPLANATION

Example Lot: LHGJ01-210101
LHGJ01= Product Code
21 = Year Manufactured: 2021
01 = Month Manufactured: January
01 = Date Manufactured: 1st

NUTRITIONAL DATA

| Nutrient | Per 100 grams |
|-------------------|---------------|
| Calorie (kcal) | 284 |
| Total Fats (g) | 0.6 |
| Cholesterol (mg) | 0 |
| Sodium (mg) | 5.09 |
| Carbohydrates (g) | 69.8 |
| Dietary Fiber (g) | <0.1 |
| Total Sugars (g) | 30.5 |
| Added Sugars (g) | 0 |
| Protein (g) | <0.1 |
| Moisture (g) | 29.6 |
| Ash (g) | 0.045 |
| Vitamins-IU | 0 |
| Calcium (mg) | 0 |
| Iron (mg) | 0 |
| Potassium (mg) | 0 |

This data is calculated from standard analytical data.
The zero values are based on process knowledge and raw materials used.
Monk Fruit Juice does not contain no additives, preservatives or colors.

