

Monk Fruit[®]

DESCRIPTION

Monk Fruit 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 230-260 times sweeter than sucrose.

Formula: C₆₀H₁₀₂O₂₉ (mogroside V)
CAS: 88901-36-4 (mogroside V)

Molecular Weight: 1287.43
Flashpoint: Not Applicable

SUGGESTED USES

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

SPECIFICATIONS

Test Item	Specification
Appearance	Light yellow powder
Identification	Meet Requirements
Purity (on dry basis)	≥ 50 %
Loss on Drying (135 C ± 2 C 2hr)	≤ 6.0%
Ash (600 C 2 hr)	≤ 5.0%
Arsenic	≤ 0.5ppm
Cadmium	≤ 1.0ppm
Lead	≤ 1.0ppm
Residual Solvents/Organic Impurities	≤ 0.5% Ethanol ≤ 0.5% Methanol
Pesticides	Complies to FCC

FORMS

Powder Mogroside V (20%-80%)

PACKAGING

20 kg cardboard drum with two PE liner 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 a well-closed place with constant low temperature and no direct sun light.

SHELF LIFE

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

This material is Kosher, Parve and Halal Certified.

