Monk Fruit Powder 10%

Siraitia grosvenorii fruit powder, 10% mogrosides · CAS — · Spray-dried monk fruit powder, 10% total mogrosides

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

IDENTITY / FORM	FORMULA	CAS	PRIMARY ASSAY
Spray-dried monk fruit powder, 10% total mogrosides	Siraitia grosvenorii fruit powder, 10% mogrosides	—	≥10.0% (HPLC)
METHOD	**MINIMUM ORDER**	**LEAD TIME**	**STANDARD PACK**
HPLC with UV or ELSD detection	1 kg	3–10 days	1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

A spray-dried monk fruit powder with 10% total mogrosides for food and beverage colour, body and mild sweetness, positioned separately from the 50% high-intensity extract.

SWEETNESS

10–20 × sucrose, indicative

TASTE NOTE

Mild, fruit-forward sweetness with a melon note; more colour and body than the high-purity extract.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Total mogrosides	≥10.0% (HPLC)	As stated
Mogroside V	≥6.0% (HPLC)	As stated
Appearance	Light yellow to light brown powder	As stated
Moisture	≤5.0%	As stated
pH (1% solution)	4.0–7.0	As stated
Solubility	Soluble or dispersible in water; some fruit solids may haze	As stated
Particle size	≥95% through 80 mesh	As stated
Bulk density	0.35–0.65 g/mL	As stated
Heavy metals	Pb ≤0.5 · As ≤0.5 · Cd ≤0.5 · Hg ≤0.1 mg/kg	As stated
Microbiology	APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent	As stated
Marker / profile	Total mogrosides ≥10%, Mogroside V ≥6%	Identity

PARAMETER	SPECIFICATION	METHOD / NOTE
Solubility	Soluble or dispersible in water; fruit solids can haze a clear beverage.	Matrix dependent
Starting use level	0.05–0.5% in beverages and foods, depending on the sweetness and body target	Application dependent
pH behaviour	Stable across normal food pH; colour can shift in acidic beverages.	Matrix dependent

APPLICATIONS

- Beverages
- Dairy alternatives
- Bakery
- Confectionery
- Supplements

AVAILABLE FORMS

- Powder, 80 mesh
- Granular
- Liquid on request

PACKING

- 1 kg foil pouch
- 25 kg fiber drum

STORAGE

Store in a cool, dry, well-ventilated area, away from direct sunlight and moisture. Keep the pack closed after sampling. The lot-specific retest date is shown on the batch COA.

DOCUMENTATION RELEASED WITH EACH LOT

- Batch-specific certificate of analysis
- Technical data sheet and safety data sheet
- Allergen, GMO, origin and residual-solvent statements
- Third-party reports on request

Catalog document. This TDS describes the grade we can quote. The final specification, pack and documentation are confirmed in writing before the order. It is not a batch COA and does not report a result for a specific lot.

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