Monk Fruit-Allulose Blend 2/98

Mogroside V 2% on allulose · CAS — · Mogroside V on allulose, 2:98 dry blend

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

IDENTITY / FORM	FORMULA	CAS	PRIMARY ASSAY
Mogroside V on allulose, 2:98 dry blend	Mogroside V 2% on allulose	—	1.8–2.2% (HPLC)
METHOD	**MINIMUM ORDER**	**LEAD TIME**	**STANDARD PACK**
HPLC for mogrosides and HPLC-RI for allulose	1 kg	3–10 days	1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

A 2:98 monk fruit-allulose blend for a clean, fruit-forward sweetness with allulose body, specified by the active content and homogeneity.

SWEETNESS

8–12 × sucrose, indicative

TASTE NOTE

Clean, fruit-forward sweetness with allulose body; less stevia linger.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Mogroside V	1.8–2.2% (HPLC)	As stated
Total mogrosides	≥2.4% (HPLC)	As stated
Allulose	≥97.0% (HPLC-RI)	As stated
Appearance	White to off-white powder	As stated
Moisture	≤1.0%	As stated
Solubility	Freely soluble in water	As stated
Particle size	≥95% through 60 mesh	As stated
Homogeneity	Specified by the blend protocol	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	Mogroside V 1.8–2.2%, allulose ≥97%	Identity
Solubility	Freely soluble in water; allulose adds body and browning.	Matrix dependent
Starting use level	1–8% in beverages and bakery, depending on the sweetness and body target	Application dependent

PARAMETER	SPECIFICATION	METHOD / NOTE
pH behaviour	Stable across normal food pH; colour should be checked at high heat.	Matrix dependent

APPLICATIONS

- Beverages
- Bakery
- Dairy alternatives
- Confectionery
- Tabletop

AVAILABLE FORMS

- Powder, 60 mesh
- Granular
- Custom ratio

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.

Shaanxi Rainwood Biotech Co., Ltd. · Rm 218, Tangxing Digital Bldg, #6 Tangxing Rd, Xi'an, Shaanxi, China
info@rainwoodbio.com · sweeteners.rainwoodbio.com