Monk Fruit-Erythritol Blend 1%

Mogroside V 1% on erythritol · CAS — · Mogroside V on erythritol, dry blend

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

IDENTITY / FORM	FORMULA	CAS	PRIMARY ASSAY
Mogroside V on erythritol, dry blend	Mogroside V 1% on erythritol	—	0.9–1.1% (HPLC)
METHOD	**MINIMUM ORDER**	**LEAD TIME**	**STANDARD PACK**
HPLC for mogrosides and HPLC-RI for erythritol	1 kg	3–10 days	1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

A 1% Mogroside V blend on erythritol for a clean, fruit-forward sweetness with bulk, specified by the active content, carrier and homogeneity.

SWEETNESS

2–4 × sucrose, indicative

TASTE NOTE

Clean, fruit-forward sweetness with erythritol cooling; less liquorice than stevia.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Mogroside V	0.9–1.1% (HPLC)	As stated
Total mogrosides	≥1.2% (HPLC)	As stated
Erythritol	≥98.0% (HPLC-RI)	As stated
Appearance	White to off-white powder	As stated
Moisture	≤0.5%	As stated
Solubility	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 0.9–1.1%, erythritol ≥98%	Identity
Solubility	Soluble in water; the erythritol dissolves endothermically.	Matrix dependent
Starting use level	1–10% in tabletop and beverages, depending on the sweetness and body target	Application dependent

PARAMETER	SPECIFICATION	METHOD / NOTE
pH behaviour	Stable across normal food pH.	Matrix dependent

APPLICATIONS

- Tabletop
- Beverages
- Dairy alternatives
- Confectionery
- Supplements

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.

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