Rubusoside 70%

$C_{32}H_{50}O_{13}$ · CAS 64849-39-4 · Rubusoside, sweet-tea glycoside extract

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

IDENTITY / FORM	FORMULA	CAS	PRIMARY ASSAY
Rubusoside, sweet-tea glycoside extract	$C_{32}H_{50}O_{13}$	64849-39-4	≥70.0% (HPLC)
METHOD	**MINIMUM ORDER**	**LEAD TIME**	**STANDARD PACK**
HPLC with UV detection	1 kg	3–10 days	1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

A 70% rubusoside extract from sweet tea for natural high-intensity sweetness, with the glycoside profile and technical data stated before application work.

SWEETNESS

100–200 × sucrose, indicative

TASTE NOTE

Sweet with a slower onset and a clean finish; a slight herbal note at higher doses.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Rubusoside	≥70.0% (HPLC)	As stated
Total sweet glycosides	≥80.0% (HPLC)	As stated
Appearance	White to off-white powder	As stated
Moisture	≤5.0%	As stated
pH (1% solution)	4.5–7.0	As stated
Solubility	Soluble in water	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	Rubusoside ≥70%, total sweet glycosides ≥80%	Identity
Solubility	Soluble in water; clear at typical use levels.	Matrix dependent
Starting use level	0.01–0.05% in beverages, depending on the target sucrose equivalence	Application dependent

PARAMETER	SPECIFICATION	METHOD / NOTE
pH behaviour	Stable across normal beverage pH; low pH and heat should be tested.	Matrix dependent

APPLICATIONS

- Beverages
- Dairy alternatives
- Confectionery
- Tabletop
- 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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