Steviol Glycosides 95%

Steviol glycoside mixture (mainly stevioside and rebaudioside A) · CAS 57817-89-7 (stevioside) · Purified steviol glycoside extract, ≥95% total glycosides

INDICATIVE SPECIFICATION — CONFIRMED IN WRITING AT QUOTATION

IDENTITY / FORM	FORMULA	CAS	PRIMARY ASSAY
Purified steviol glycoside extract, ≥95% total glycosides	Steviol glycoside mixture (mainly stevioside and rebaudioside A)	57817-89-7 (stevioside)	≥95.0% (HPLC)
METHOD	**MINIMUM ORDER**	**LEAD TIME**	**STANDARD PACK**
HPLC with UV detection at 210 nm	1 kg	1–7 days	1 kg foil pouch

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Total steviol glycosides	≥95.0% (HPLC)	Analytical
Rebaudioside A	40.0–60.0% (HPLC)	Analytical
Stevioside	20.0–35.0% (HPLC)	Analytical
Rebaudioside C	≤10.0% (HPLC)	Analytical
Appearance	White to off-white powder	Specification
Moisture	≤5.0%	Specification
pH (1% solution)	4.5–7.0	Specification
Solubility	Freely soluble in water	Specification
Particle size	≥95% through 80 mesh	Sieve
Bulk density	0.30–0.60 g/mL	Tapped cylinder
Heavy metals	Pb ≤0.5 · As ≤0.5 · Cd ≤0.5 · Hg ≤0.1 mg/kg	Specification
Microbiology	APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent	Specification
Marker / profile	Total steviol glycosides ≥95%, Reb A 40–60%, stevioside 20–35%	Identity / ratio
Appearance	White to off-white, free-flowing powder	Visual
Solubility	Freely soluble in water; solutions are clear at typical use levels and remain stable across beverage pH.	Matrix dependent
Standard packaging	1 kg foil pouch · 25 kg fiber drum	Food-grade liner

APPLICATIONS

- Beverages
- Tabletop sweeteners
- Dairy and plant-based drinks
- Confectionery
- Supplements

AVAILABLE FORMS

- Powder, 80 mesh
- Granular on request
- Organic grade on request

WHAT TO CONFIRM BEFORE ORDERING

- Ask for the full glycoside profile, not only the total. Two 95% lots can taste different.
- Taste the grade at your final sucrose equivalence and pH; a liquorice linger often appears above 6% SE.
- Taste the grade at the final pH and sucrose equivalence before the formula is fixed.

Indicative document. This sheet describes the grade we can quote; it is not a batch COA and does not confirm a result for a specific lot. Final specification, contaminant limits and documentation are agreed in writing before the order. The identity, assay basis, profile and method are release parameters, not marketing descriptions.

DOCUMENTATION RELEASED WITH EACH LOT

DOCUMENT	CONTENT	SCOPE
Certificate of analysis	Assay, identity, physical parameters, contaminant panel and the release decision for the lot.	Batch-specific
Technical data sheet	Identity, form, CAS, specification ranges, solubility, bulk density, storage and packing.	Product-level
Safety data sheet	Sixteen sections covering hazards, handling, storage, transport and emergency response.	Grade-specific
Allergen and GMO statements	Major allergens, gluten, animal-derived inputs and GMO status.	Batch-specific
Origin and traceability record	Manufacturing site and the link between the lot and the retained sample.	Batch-specific
Residual-solvent statement	The crystallisation system and the solvent class, where applicable.	Batch-specific

HOW TO REQUEST THIS GRADE

01 · BRIEF

Send the target specification, quantity, application and destination market.

02 · COUNTER-SPEC

We confirm what can be matched and the documents available for the grade.

03 · SAMPLE & QUOTE

A sample with its own COA, followed by packing, lead time and terms in writing.

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