Rebaudioside A 98%

$C_{44}H_{70}O_{23}$ · CAS 58543-16-1 · Rebaudioside A, purified steviol glycoside

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

IDENTITY / FORM	FORMULA	CAS	PRIMARY ASSAY
Rebaudioside A, purified steviol glycoside	$C_{44}H_{70}O_{23}$	58543-16-1	≥98.0% (HPLC)
METHOD	**MINIMUM ORDER**	**LEAD TIME**	**STANDARD PACK**
HPLC with UV detection at 210 nm	1 kg	1–7 days	1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

A 98% Rebaudioside A powder for clean-taste beverages and tabletop, with the stevioside fraction controlled and the glycoside profile stated on the COA.

SWEETNESS

200–300 × sucrose, indicative

TASTE NOTE

Cleaner than a total glycoside grade, with a faster onset and less liquorice linger; a sweet aftertaste remains at high dose.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Rebaudioside A	≥98.0% (HPLC)	As stated
Total steviol glycosides	≥99.0% (HPLC)	As stated
Stevioside	≤1.0% (HPLC)	As stated
Rebaudioside C	≤0.5% (HPLC)	As stated
Appearance	White to off-white powder	As stated
Moisture	≤3.0%	As stated
pH (1% solution)	4.5–7.0	As stated
Solubility	Freely soluble in water	As stated
Particle size	≥95% through 80 mesh	As stated
Bulk density	0.30–0.60 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	Reb A ≥98%, total steviol glycosides ≥99%, stevioside ≤1%	Identity

PARAMETER	SPECIFICATION	METHOD / NOTE
Solubility	Freely soluble in water; clear at use levels and compatible with typical beverage processing.	Matrix dependent
Starting use level	0.01–0.06% in beverages, depending on target sucrose equivalence and the blend	Application dependent
pH behaviour	Stable across pH 3–7 in normal beverage use; hydrolysis is measurable at very low pH and high temperature.	Matrix dependent

APPLICATIONS

- Beverages
- Tabletop
- Dairy alternatives
- Confectionery
- Supplements

AVAILABLE FORMS

- Powder, 80 mesh
- Granular, 20–40 mesh
- Organic grade 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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