Rainwood SWEETENERS

SPECIMEN COA
SW-SPEC-COA-01 · 57817-89-7 (STEVIOSIDE)

Specimen certificate of analysis

Steviol Glycosides 95% · Purified steviol glycoside extract, ≥95% total glycosides · Steviol glycoside mixture (mainly stevioside and rebaudioside A)

SPECIMEN FORMAT — NOT A BATCH RECORD. A RELEASED LOT CARRIES THE LOT NUMBER AND ITS OWN RESULTS.

PRODUCT	CAS	LOT NUMBER	MANUFACTURE DATE
Steviol Glycosides 95%	57817-89-7 (stevioside)	[lot on release]	[on release]
RETEST / EXPIRY	SPECIFICATION		
[on release]	SW-SPEC-STEVIOL-		

RESULTS

PARAMETER	METHOD	RELEASE LIMIT	RESULT
Total steviol glycosides	As stated	≥95.0% (HPLC)	[result]
Rebaudioside A	As stated	40.0–60.0% (HPLC)	[result]
Stevioside	As stated	20.0–35.0% (HPLC)	[result]
Rebaudioside C	As stated	≤10.0% (HPLC)	[result]
Appearance	Visual / calculated	White to off-white powder	[result]
Moisture	Visual / calculated	≤5.0%	[result]
pH (1% solution)	Visual / calculated	4.5–7.0	[result]
Solubility	Visual / calculated	Freely soluble in water	[result]
Particle size	Visual / calculated	≥95% through 80 mesh	[result]
Bulk density	Visual / calculated	0.30–0.60 g/mL	[result]
Heavy metals	Visual / calculated	Pb ≤0.5 · As ≤0.5 · Cd ≤0.5 · Hg ≤0.1 mg/kg	[result]

PARAMETER	METHOD	RELEASE LIMIT	RESULT
Microbiology	Visual / calculated	APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent	[result]
Sweetness (indicative)	Sensory panel	200–300 × sucrose, indicative	[result]
Aerobic plate count	ISO 4833	≤1,000 cfu/g	[result]
Yeast and mould	ISO 21527	≤100 cfu/g	[result]
E. coli	ISO 16649	Absent / g	[result]
Salmonella	ISO 6579	Absent / 25 g	[result]

How to read the specimen. The parameter list and the method column are fixed; the result column is completed for each released lot. A certificate that reports a result without the method cannot be compared with another supplier's certificate, even when both say “passes”.

RELEASE AND TRACEABILITY

FIELD	WHAT IT CONTAINS
Manufacturing site	The site that produced the lot, with the site code used in the supplier file.
Retained sample	The sample held from the lot and the retention period agreed in the qualification file.
Release decision	Released, rejected or reworked; a result outside the limit is not averaged into a pass.
Signature	The person who released the lot, and the date of release.
Third-party report	Where commissioned, the laboratory, the sample identity and the panel tested.

STATEMENT

This specimen is a format, not a batch record. It does not report a result for a specific lot and must not be presented as a COA for a shipment. The batch COA is issued against the specification agreed in the quotation and carries the lot number that appears on the drum.

Contact for the batch file. Rainwood Sweeteners · info@rainwoodbio.com · sweeteners.rainwoodbio.com