Resistant Dextrin

Indigestible dextrin · CAS — · Resistant dextrin, soluble fibre powder or syrup

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

IDENTITY / FORM	FORMULA	CAS	PRIMARY ASSAY
Resistant dextrin, soluble fibre powder or syrup	Indigestible dextrin	—	≥85.0% (AOAC 2009.01)
METHOD	**MINIMUM ORDER**	**LEAD TIME**	**STANDARD PACK**
AOAC 2009.01 dietary fibre and HPLC-RI sugar profile	1 kg	1–7 days	1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

A resistant dextrin for soluble fibre, low viscosity and clean taste in beverages and supplements, specified by fibre content and the analytical method behind it.

SWEETNESS

10% of sucrose, indicative

TASTE NOTE

Clean, almost neutral with a very mild sweetness; useful where the fibre should not change the flavour.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Dietary fibre	≥85.0% (AOAC 2009.01)	As stated
Resistant dextrin	≥85.0% (HPLC-RI)	As stated
Appearance	White to light yellow powder	As stated
Moisture	≤5.0%	As stated
pH (10% solution)	3.0–6.0	As stated
Solubility	Freely soluble in water; low viscosity	As stated
Particle size	≥95% through 80 mesh	As stated
Bulk density	0.40–0.70 g/mL	As stated
Glucose	≤5.0% (HPLC-RI)	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	Dietary fibre ≥85%, resistant dextrin ≥85%	Identity
Solubility	Freely soluble in water; low viscosity, clean solution.	Matrix dependent

PARAMETER	SPECIFICATION	METHOD / NOTE
Starting use level	2–10% in beverages and supplements, depending on the fibre target	Application dependent
pH behaviour	Stable across normal food pH; acid hydrolysis is limited.	Matrix dependent

APPLICATIONS

- Beverages
- Supplements
- Bakery
- Dairy
- Confectionery

AVAILABLE FORMS

- Powder, 80 mesh
- Syrup 70%
- Fine powder
- Organic 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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