MCT Powder

Medium-chain triglycerides (C8/C10) in a starch matrix · CAS 73398-61-5 · Microencapsulated MCT oil powder 50%

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

CHEMICAL FORM	FORMULA	CAS	PRIMARY ASSAY
Microencapsulated MCT oil powder 50%	Medium-chain triglycerides (C8/C10) in a starch matrix	73398-61-5	≥50.0%
METHOD	**MINIMUM ORDER**	**LEAD TIME**	**STANDARD PACK**
GC	1 kg	1–7 days	1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

Microencapsulated MCT oil powder at 50% oil load, with a declared C8/C10 profile, for sports powders, sticks and beverages where the oil load and the fatty-acid profile have to be declared.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
MCT oil	≥50.0%	As stated
C8 (caprylic acid)	55.0–65.0% of oil (GC)	As stated
C10 (capric acid)	35.0–45.0% of oil (GC)	As stated
Appearance	White to light yellow powder	As stated
Moisture	≤5.0%	As stated
Peroxide value	≤1.0 meq/kg	As stated
Carrier	Modified starch, declared	As stated
Particle size	≥95% through 40 mesh	As stated
Heavy metals	Pb ≤3 · As ≤2 · Cd ≤1 · 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 set	MCT oil ≥50%; C8 55–65% and C10 35–45% of oil	Identity
Solubility	Dispersible in water; the oil is encapsulated in a starch matrix, not dissolved.	Matrix dependent

APPLICATIONS

- Sports powders
- Powder sticks and drink mixes

AVAILABLE FORMS

- 50% oil powder
- 70% on request

- Functional beverages
- Agglomerated 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.

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