MCT Oil

— · CAS 73398-61-5 · Medium-chain triglyceride oil

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

CHEMICAL FORM	FORMULA	CAS	PRIMARY ASSAY
Medium-chain triglyceride oil	—	73398-61-5	55.0–65.0% (GC)
METHOD	**MINIMUM ORDER**	**LEAD TIME**	**STANDARD PACK**
GC fatty acid profile and wet chemistry	1 kg	1–7 days	1 kg HDPE bottle · 25 kg HDPE drum

DESCRIPTION

MCT oil specified by its C8/C10 profile with free fatty acid and peroxide limits; the oil and the spray-dried MCT powder are different products with different carriers and handling.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Caprylic acid (C8:0)	55.0–65.0% (GC)	As stated
Capric acid (C10:0)	35.0–45.0%	As stated
Free fatty acid	≤0.10%	As stated
Peroxide value	≤1.0 meq O_2/kg	As stated
Appearance	Clear to slightly hazy oil	As stated
Identification	Fatty acid profile conform	As stated
Moisture	≤0.1%	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	C8 55.0–65.0%; C10 35.0–45.0% (GC)	Identity
Solubility	Insoluble in water; soluble in fats and in organic solvents.	Matrix dependent

APPLICATIONS

- Softgel capsules
- Oil-based blends
- Powder on carrier on request

AVAILABLE FORMS

- Oil
- Powder on carrier on request

PACKING

- 1 kg HDPE bottle
- 25 kg HDPE 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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