



**Technical Data Sheet**

**BIO MCT Öl ex Kokos (10080)**  
**ORGANIC MCT Oil ex Kokos (10080)**

**PRODUCT INFORMATION**

Name	Organic coconut-based MCT oil
Product ID	27450
Latin name	Cocos nucifera L.
Part Used	endosperm
Origin	non-EU Agriculture
Organic Certification	DE-ÖKO-013
Description	MCT oil (medium chain triglycerides) is of purely plant origin and consists of a mixture of triglycerides of saturated fatty acids, mainly caprylic and capric acid. Coconut-based MCT oil is produced from oil obtained from the solid and dried part of the endosperm of Cocos nucifera L., derived from controlled organic cultivation.
CAS No.	73398-61-5 / 65381-09-1
EINECS No.	277-452-2 / 265-724-3
INCI Name	Caprylic/Capric Triglyceride
Properties	MCT oil is a colorless to slightly yellowish, oily liquid. It is insoluble in water, miscible with dichloromethane, ethanol and petroleum ether.

PHYSICAL AND CHEMICAL PARAMETERS	SPECIFICATION	METHOD
Acid value	max. 1.0 mg KOH/g	Ph. Eur. [2.5.1]
Peroxide value	max. 3.0 meq O <sub>2</sub> /kg	Ph. Eur. [2.5.5]
Refractive index (20 °C)	1.440 - 1.452	Ph. Eur. [2.2.6]
Relative density (20 °C)	0.930 - 0.960	Ph. Eur. [2.2.5]
Water	max. 0.1 %	Ph. Eur. [2.5.32]
Hydroxyl value	max. 10 mg KOH/g	Ph. Eur. [2.5.3]

**FATTY ACID DISTRIBUTION (GC OF FAME)**

8:0 Caprylic acid	55.0 - 70.0 %	Ph. Eur. [2.4.22]
10:0 Caprinsäure	30.0 - 45.0 %	Ph. Eur. [2.4.22]

**STORAGE AND HANDLING**

Store in a cool and dry place, protected from light, in tightly closed containers appropriate to consumption and filled as completely as possible, or under inert gas.

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