



24 CHATHAM PLACE, BRIGHTON, BN1 3TN (UK)
TEL. (UK) 0845 310 8066 International Tel. +44 1273 746505
EMAIL: info@nhrorganicoils.com Web Site: www.nhrorganicoils.com

Certificate of Analysis Sheet

Organic MCT Oil

(Caprylic/Capric Triglyceride)

Trade Name:	Coconut Oil Fractionated Organic	Inci Name:	Caprylic / Capric Triglyceride
Cas No:	73398-61-5 / 65381-09-1	Einecs No:	277-452-2 / 265-724-3
Country of Origin:	EU	Country of Manufacture:	EU
Manufactured:	February 2019	Shelf Life:	24 Months
Batch No:	100519-1	Application:	Food / Cosmetics

Description:

A fraction of coconut oil obtained by steam distillation (from the seeds of *Cocos nucifera*, *Palmae*) from which almost all the long chain fatty acids are removed there by increasing its shelf life and stability. Basically, a mixed trimer of glycerine, caprylic and caproic acids.

ANALYTICAL DETAILS	UNIT	RANGE	RESULT
Appearance	Organoleptic	Clear oily liquid at room temperature	Conforms
Colour	Organoleptic	Water white	Conforms
Odour	Organoleptic	Characteristic	Conforms
Refractive Index @ 20°C	-	1.440 – 1.452	1.451
Specific Gravity @ 20°C	g/ml	0.930 – 0.960	0.951
Acid Value	mg KOH/g	≤ 0.2	0.022
Saponification Value	mg KOH/g	310 - 360	334.2
Viscosity @ 20°	MPA.S	25 - 33	31.4
Hydroxil Value	mg KOH/g	≤ 10.0	3.5
Water	%	≤ 0.2	< 0.1
Melting Point	°C	20 - 24	Conforms
Flash Point (Closed Cup)	°C	>100°	Conforms

TYPE	ACID NAME	UNIT	RANGE	RESULT
C6:0	Caproic	%	≤ 0.5	0.47
C8:0	Caprylic	%	50 - 80	55.15
C10:0	Capric	%	20 - 50	43.7
C12:0	Lauric	%	≤ 3.0	< 1.1

Storage: Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

Shelf Life: The shelf life is 24 months if unopened. Once opened the shelf life of the oil is limited by temperature, light and oxygen exposure. Any remaining oil should be blanketed with nitrogen and used as soon as possible.