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Certificate of Analysis Sheet

Organic MCT Oil (*Caprylic/Capric Triglyceride*)

Material Supplier: NHR Organic Oils
Address: 24 Chatham Place, Brighton, East Sussex BN1 3TN UK
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Trade Name: Coconut Oil Fractionated Organic **INCI Name:** *Caprylic/Capric Triglyceride*
CAS No: 73398-61-5 / 65381-09-1 **EC No:** 277-452-2 / 265-724-3
Country of Origin: EU **Country of Manufacture:** EU
Manufactured: August 2018 **Shelf Life:** 24 months
Batch Number: 161118-2

Description:

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

ANALYTICAL DETAILS	UNIT	RANGE	RESULT
Appearance	Organoleptic	Oily liquid at room temperature	Conforms
Colour	Organoleptic	Clear (Water white colour)	Conforms
Odour	Organoleptic	Odourless	Conforms
Refractive Index @ 20°C	-	1.440 – 1.452	1.451
Specific Gravity @ 20°C	g/ml	0.930 – 0.960	0.951
Viscosity @ 20°C	MPA.S	25 – 33	31.6
Acid Value	mg KOH/g	≤ 0.2	0.03
Hydroxil Value	mg KOH/g	≤ 10.0	3.4
Saponification Value	mg KOH/g	310 – 360	333.1
Moisture	%	≤ 0.2	< 0.1
Melting Point	°C	≤ 20.0	Conforms

TYPE	Acid NAME	UNIT	RANGE	RESULT
C6:0	Caproic	%	≤ 0.2	0
C8:0	Caprylic	%	50 – 80	55.2
C10:0	Capric	%	20 – 50	43.5
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 2 years 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.