

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Caprylic Capric Triglyceride (CCTG) (MCT OIL)
2. Batch Number & Mfg. Date	As mentioned on Label
3. Date Of Exp	3 Years From Mfg
4. Date of Analysis	Jan-2024
5. CAS No.	73398-61-5 / 65381-09-1

SN	ANALYTICAL DETAILS	UNIT	RANGE	RESULT
1	Appearance	Organoleptic	Oily liquid at room temperature	Conforms
2	Colour	Organoleptic	Clear (Water white colour)	Conforms
3	Odour	Organoleptic	Odourless	Conforms
4	Refractive Index @ 20°C	-	1.440 – 1.452	1.449
5	Specific Gravity @ 20°C	g/ml	0.930 – 0.960	0.951
6	Viscosity @ 20°C	MPAS	25 – 33	30.1
7	Acid Value	mg KOH/g	< 0.2	0.01
8	Hydroxil Value	mg KOH/g	< 10.0	2.1
9	Saponification Value	mg KOH/g	310 – 360	339
10	Moisture	%	< 0.2	< 0.1
11	Melting Point	°C	< 20.0	Conforms

TYPE	Acid NAME	UNIT	RANGE	RESULT
C6:0	Caproic	%	< 0.2	0
C8:0	Caprylic	%	50 – 80	55
C10:0	Capric	%	20 – 50	45
C12:0	Lauric	%	< 3.0	< 0.1

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 3 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.