



Product specification

Version: 3

Update date: 07-02-2024

Caprylic/Capric Triglyceride

Page 1 z 2

1. CAS number, EINECS number, other

CAS number: 73398-61-5

EINECS number: 277-452-2

Chemical Name: Caprylic/Capric Triglyceride

2. Specification

Parameter	Unit	Range
Appearance	-	clear, liquid
Identification EP	-	A, B, C, D
Identification USP	-	A, B
Colour APHA	Hazen	≤100
Acid value	mg KOH/g	≤ 0.5
Hydroxyl Value*	mg KOH/g	≤ 5
Iodine value	g I ₂ /100g	≤ 1.0
Peroxide value*	meq/kg	≤ 1.0
Saponification value	mg KOH/g	325 – 345
Unsaponifiable matter*	%	≤ 0.5
Refractive Index (20 °C)*	-	1.440 – 1.452
Relative density (20 °C)*	-	0.93 – 0.96
Water*	%	≤ 0.2
Viscosity (20 °C)*	mPa s	25 – 33
Alkaline impurities*	mL 0.01 N HCl	≤ 0.15
Cloud point*	°C	≤ -5.0
Ash*total	%	≤0,1
Sum heavy metals (as Pb)*	ppm	≤ 10

*Parameter under statistical control and not shown on CoA.

Parameter	Specification Value	Unit
Fatty acid composition*	≥ 95	%
C6	≤ 2.0	%
C8	50-65	%
C10	30-45	%
C12	≤ 2.0	%
C14	≤ 1.0	%
C16 and higher	≤ 1.0	%

3. Storage

Keep in closed original packaging, away from sunlight, high air moisture or extreme temperatures.
Recommended storage temperature 15 – 25 °C.



Product specification

Version: 3

Update date: 07-02-2024

Caprylic/Capric Triglyceride

Page 2 z 2

4. Shelf life

24 months from manufacturing date, when properly stored in original unopened packaging.

5. Packaging

Bulk, IBC, drum or agreed packaging.

6. Conformity EP/USP

The parameters meet the given values of the current EP and USP monograph for Triglycerides Medium Chain. Except for parenteral nutrition requirements.