



## Specification

### Glyceryl Tricaprylate/Tricaprate

**Catalog Number:** GT1004  
**CAS Number:** 65381-09-1, 73398-61-5  
**Synonym(s):** Caprylic/Capric Triglyceride, Medium Chain Triglycerides  
**Molecular Formula:** N/A  
**Molecular Weight:** N/A  
**Storage:** 15°C – 30°C  
**Retest Date:** Three years after date of manufacture.

Test	Specification
Appearance (25°C)	Clear colorless to faint yellow liquid
Identification (FTIR)	To meet requirements
Carbon Distribution	
C6	≤ 2.0%
C8	65.0 – 80.0%
C10	23.0 – 33.0%
C8/C10	≥ 95.0%
C12	≤ 3.0%
C14	≤ 1.0%
Refractive Index	1.440 – 1.452
Specific Gravity	0.939 – 0.960
Saponification	340 – 358mg KOH/g
Hydroxyl Value	≤ 5.0mg KOH/g
Acid Value	≤ 0.1mg KOH/g
Free Fatty Acid	≤ 0.05%
Moisture	≤ 0.1%
Color Lovibond (Y)	≤ 10
Color Lovibond (R)	≤ 0.4
Color Gardner	≤ 3
Color APHA	≤ 100

Approved by:

John Grubb, PhD  
Gojira Fine Chemicals, LLC  
Quality Manager  
Tel: 440-539-7033 Fax: 888-211-5523  
[john@gojirafc.com](mailto:john@gojirafc.com)

Date: November 6, 2019