



Certificate of Analysis

Glyceryl Tricaprylate/Tricaprate

Catalog Number: GT1004
Lot Number: 0822803
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
Date of Manufacture: August 10, 2017
Retest Date: August 10, 2020

Test	Specification	Result
Appearance (25°C)	Clear colorless to faint yellow liquid	Conforms
Identification (FTIR)	To meet requirements	Conforms
Carbon Distribution		
C6	≤ 2.0%	0.0%
C8	65.0 – 80.0%	71.18%
C10	23.0 – 33.0%	28.6%
C8/C10	≥ 95.0%	99.78%
C12	≤ 3.0%	0.0%
C14	≤ 1.0%	0.0%
Refractive Index	1.440 – 1.452	1.4469
Specific Gravity	0.939 – 0.960	0.944
Saponification	340 – 358mg KOH/g	343.02mg KOH/g
Hydroxyl Value	≤ 5.0mg KOH/g	0.7mg KOH/g
Acid Value	≤ 0.1mg KOH/g	0.018mg KOH/g
Free Fatty Acid	≤ 0.05%	0.0091%
Moisture	≤ 0.1%	0.0205%
Color Lovibond (Y)	≤ 10	0.4
Color Lovibond (R)	≤ 0.4	0.1
Color Gardner	≤ 3	< 3
Color APHA	≤ 100	16

Approved by:

Date: August 22, 2018

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