

CERTIFICATE OF ANALYSIS

Material Code : CERIN CCT (MCT COCONUT BASED USP/FC)
 Material Description : CAPRYLIC/CAPRIC TRIGLYCERIDE
 CAS No. : 73398-61-5
 D.R. No. : DR0008627
 S.O. No. : 6658
 P.O. No. : 457405
 Batch Number : BTA2303062
 Quantity/Packaging : 92 drums x 418.874 LBS.
 Customer : KRAFT CHEMICAL

Manufacturing Date: March 24, 2023
 Best Before Date: March 24, 2026



SUPPLIER INFORMATION

Supplier: Chemrez Technologies, Inc.
 Plant Manufacturing Location: Quezon City, Philippines
 Contact Person: Mr. Leo Tapia
 Contact Number: +632-635-06-80
 E-mail Address: ltapia@chemrez.com

DELIVERY INFORMATION

Date of Loading: April 03, 2023
 Container Number: HLBUL1776333
 Seal Number: HLC0239391

ANALYTICAL REQUIREMENTS

PROPERTIES	TEST METHOD	RESULTS	SPECIFICATIONS	USP Monograph
Appearance	Ocular Inspection	Clear, light yellow liquid	Clear, light yellow liquid	Clear, light yellow liquid
Taste	Sensorial	Characteristic	Characteristic	Characteristic
Color APHA	AOCS Td 1b-64	3b	50 max	-
Acid Value, mg KOH / g	AOCS Cd 3d-63	0.04	0.1 max	(401) 0.2 max.
Moisture %	ASTM E203	0.01	0.1 max	(921) 0.2 max.
Hydroxyl Value, mg KOH/g	AOCS Cd13-60	1.04	5 max.	-
Refractive Index	-	1.45	1.439-1.459	1.440-1.452
Peroxide Value, mEq/kg	AOCS Cd 8b-90	0.00	1 max	(401) 1.0 max.
Saponification Value, mg KOH/g	AOCS Cd 3-25	344.75	300 – 350	(401) 310-360
Iodine Value, g I ₂ /100g	AOCS Cd 1b - 87	0.05	0.5 max.	1.0 max.
Viscosity mPas (20°C)	In-House	26	25-33	25-33
Unsaponifiable Matter, %m/m	AOCS Ca 6b-53	0.50	0.50 max.	0.5%
Total Ash, %	ASTM D874-82	0.01	0.10 max.	0.1%
Specific Gravity @ 20°C	ASTM D891	0.95	0.93-0.96	(841) 0.93-0.96
Fatty Acid Composition, %				-
C6	AOCS Ce 2-66	0.38	2 max	<= 2.0
C8		68.83	55 – 70	50.0 – 80.0
C10		30.08	29 – 45	20.0 – 50.0
C12		0.72	3 max	<= 3.0

Prepared By:

 Lorenzita Caranjo
 QA Analyst II
 PRC License No. 0002592

Noted By:

 Patrick Matthew Estares
 QA Chemist
 PRC License No. 0014420

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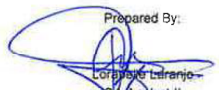
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Plant Manufacturing Location	Quezon City, Philippines
Contact Person	Mr. Leo Tapia
Contact Number	+632-635-06-80
E-mail Address	ltapia@chemrez.com


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ANALYTICAL REQUIREMENTS

PROPERTIES	TEST METHOD	RESULTS	SPECIFICATIONS	USP Monograph
Appearance	Ocular Inspection	Clear, light yellow liquid	Clear, light yellow liquid	Clear, light yellow liquid
Taste	Sensorial	Characteristic	Characteristic	Characteristic
Color APHA	AOCS Td 1b-04	35	50 max	-
Acid Value, mg KOH / g	AOCS Cd 3d-63	0.04	0.1 max	(401) 0.2 max.
Moisture %	ASTM E203	0.01	0.1 max	(921) 0.2 max.
Hydroxyl Value, mg KOH/g	AOCS Cd13-60	1.04	5 max.	-
Refractive Index	-	1.45	1.439-1.459	1.440-1.452
Peroxide Value, mEq/kg	AOCS Cd 8b-90	0.00	1 max	(401) 1.0 max.
Saponification Value, mg KOH/g	AOCS Cd 3-25	344.75	300 - 350	(401) 310-360
Iodine Value, g I2/100g	AOCS Cd 1b - 07	0.05	0.5 max.	1.0 max.
Viscosity mPas (20°C)	In-House	26	25-33	25-33
Unsaponifiable Matter, %m/m	AOCS Ca 6b-53	0.50	0.50 max.	0.5%
Total Ash, %	ASTM D874-82	0.01	0.10 max.	0.1%
Specific Gravity @ 20°C	ASTM D991	0.95	0.93-0.96	(841) 0.93-0.96
Fatty Acid Composition, %	AOCS Ce 2-66			-
C8		0.36	2 max	<= 2.0
C8		68.83	55 - 70	50.0 - 80.0
C10		30.08	29 - 45	20.0 - 50.0
C12		0.72	3 max	<= 3.0

Prepared By:

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