

Certificate of Analysis

Product: MCT Oil Coconut Based
Item Number: MCTC
Grade: USP/FCC
Lot Number: 2Q0619001
Manufacture Date: 06/27/2021
Expiration Date: 06/26/2024
Country of Origin: Philippines

Tested Property	Specification	Analysis
Appearance	Clear, white liquid	Clear, white liquid
Taste	Blend / Creamy	Creamy
Color APHA	Max 30	13
Moisture %	Max 0.1	0.01
Peroxide Value	Max 1 meq/Kg	0.01
Density @25°C	0.93 -0.96	0.946
Acid Value	Max 0.2 (mg/KOH/g)	0.04
Iodine Value (g I ₂ /100g)	Max 1.0	0.12
Hydroxyl Value	Max 10 mg KOH/g	2.51
Saponification Value	310 -360 mg KOH/g	332.8
Unsaponifiable Matter	Max 0.5 %	<0.5
Viscosity@ 20°C	25 -33 mpa s	Ca.26.54
Specific Gravity @ 20°C	0.930 -0.960	0.945
Refractive Index	1.440 -1.452	1.45
Alkaline Impurities	Max 0.15 ml 0.01M HCl	<0.15
Heavy Metals	Max 10.0 ppm	<10
Arsenic	Max 2 ppm	Complies
Lead (Pb)	Max 2 ppm	Complies
Water Content	Max 0.15%	0.02
Loss on Drying	Max 0.5%	<0.5

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Fatty Acid Composition, %

C6	Max 2	N/D
C8	55-70	60.01
C10	29-45	39.80
C12	Max 3	0.14
C14	As reported	N/D
Others	As reported	N/D

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