

Certificate of Analysis

Product: MCT Oil Coconut Based
Item Number: MCTC
Grade: USP/FCC
Lot Number: 2Q0619001
Manufacture Date: 06/27/2023
Expiration Date: 06/26/2026
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

Phone: 512-668-9918, Fax: 512-886-4008,
 E-mail: customercare@laballey.com,
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

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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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Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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