

Certificate of Analysis

Product: MCT Oil Coconut Based
Item Number: MCTC
Grade: USP/FCC
Lot Number: 5001093/1.1
Manufacture Date: 11/08/2024
Expiration Date: 11/07/2027
Country of Origin: Malaysia

Tested Property	Specification	Analysis
Appearance	Light Yellow	Pass
Identification A and B	Meets the test requirements	Pass
Color APHA	Max 50	22
Acid value, mg KOH/g	Max 0.1	0.01
Moisture %	Max 500ppm	200
Peroxide Value, mEq/kg	Max 1.0	0.1
Specific gravity @ 20°C	0.93 - 0.96	0.95
Iodine value , g I2/100g	Max 0.5	0.2
Saponification value, mg KOH/g	300 - 350	335
Fatty Acid Composition, C6	Max 2 %	0.0
Fatty Acid Composition, C8	55 - 65 %	58.1
Fatty Acid Composition, C10	35 - 45 %	41.6
Fatty Acid Composition, C12	Max 3%	0.1
Fatty Acid Composition, C14	Max 1%	0.0
Refractive index at 20°C	1.440 - 1.452	1.450
Viscosity at 20°C, mPas	25 -33	30
Hydroxyl Value, mg KOH/g	Max 8.0	1.3
Heavy Metals	Max 10 ppm	<10
Chromium	Max 0.05 ppm	<0.05
Copper	Max 0.1 ppm	<0.1

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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Lead	Max 0.1 ppm	<0.1
Nickel	Max 0.2 ppm	<0.2
Tin	Max 0.1 ppm	<0.1
Arsenic	Max 0.5 ppm	<0.5
Ash	Max 1.0 g/100g	<1.0

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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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