

**Certificate of Analysis**

**Product: MCT Oil Coconut Based**  
**Item Number: MCTC**  
**Grade: USP/FCC**  
**Lot Number: 5000700/1.1**  
**Manufacture Date: 03/08/2024**  
**Expiration Date: 03/07/2027**  
**Country of Origin: United States**

<b>Tested Property</b>	<b>Specification</b>	<b>Analysis</b>
Appearance	Clear liquid free from foreign matter	Pass
Identification A and B	Meets the test requirements	Pass
Color APHA	Max 50	16
Acid value, mg KOH/g	Max 0.1	0.02
Moisture %	Max 0.1%	0.04
Peroxide Value, mEq/kg	Max 1	0.01
Specific gravity @ 20°C	0.93 - 0.96	0.95
Iodine value , g I2/100g	Max 0.5	0.1
Saponification value, mg KOH/g	300 - 350	330
Fatty Acid Composition, C6	Max 2 %	0.01
Fatty Acid Composition, C8	55 - 65 %	59.7
Fatty Acid Composition, C10	35 - 45 %	39.8
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	1.440
Viscosity at 20°C, mPas	25 -33	30
Unsaponifiable matter, % m/m	Max 0.5	<0.5
Total Ash	Max 0.1%	0.0
Hydroxyl Value, mg KOH/g	Max 5	2.1
Heavy Metals	Max 10 ppm	<10

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Chromium	Max 0.05 ppm	<0.05
Copper	Max 0.1 ppm	<0.1
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
Alkaline imp.	Max 0.15 ml of 0.01m HCl	<0.15

[MCT Oil Coconut Based](#)

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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