

Certificate of Analysis

Product: Organic MCT Oil, Kosher, Halal

Item Number: MCTOC

Grade: USP/FCC

Lot Number: 5001311/1.1

Manufacture Date: 09/24/2024

Expiration Date: 09/23/2027

Country of Origin: Philippines

Tested Property	Specification	Analysis
Odor	Odorless	Pass
Saponification value	325 - 345	334
Acid value, mg KOH/g	Max 0.1	0.02
Moisture, %	Max 0.1	0.04
Peroxide Value, mEq/kg	Max 1.0	<0.01
Relative Density @ 20°C	0.9300 - 0.9600	0.9500
Iodine value, g I ₂ /100g	Max 1.0	0.03
Fatty Acid Composition, (C8:0) %	55 - 65	60.70
Fatty Acid Composition, (C10:0) %	35 - 45	39.00
Fatty Acid Composition, Others %	Max 2	0.3
Total Viable Count, cfu/g	Max 1000	<100
Yeast and Mold Count, cfu/g	Max 100	<10
Staphylococcus Aureus	Negative	Negative
Salmonella in 25 g	Negative	Negative
E coli in 1 g	<10	Absent
Coliforms	Negative	Negative
Arsenic, mg/kg	Max 0.10	<0.10
Mercury, mg/kg	Max 0.05	<0.05
Cadmium, mg/kg	Max 0.05	<0.05
Lead, mg/kg	Max 0.10	<0.10

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Ash, g/100g	Max 0.1	<0.01
Viscosity at 20°C, mPas	25-33	30
Hydroxyl Value, mg KOH/g	Max 10	2
Color, APHA	Max 50	28
Unsaponifiable matter	Max 0.50	0.21
Refractive index at 20°C	1.4400 - 1.4520	1.4450

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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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