

**Certificate of Analysis**

**Product: MCT Oil, Derived from Palm, Kosher**

**Item Number: MCTS**

**Grade: Food**

**Lot Number: 5001245/1.1**

**Manufacture Date: 09/24/2024**

**Expiration Date: 09/23/2027**

**Country of Origin: Malaysia**

Tested Property	Specification	Analysis
Fatty Acid Distribution (wt%)		
C6	0.5% max.	0.2
C8	50.0 - 65.0%	53.3
C10	30.0 - 50.0%	46.2
C12	2.0% max.	0.3
C14	0.5% max.	0.0
Acid Value (mg KOH/g)	0.10 max.	0.05
Saponification Value (mg KOH/g)	325 - 340	333
Iodine Value (g I <sub>2</sub> /100g)	0.30 max.	0.06
Moisture (wt%)	0.20 max.	0.03
Hydroxyl Value (mg KOH/g)	5.0 max.	3.3
Peroxide Value (meq/kg)	1.00 max.	0.09
Unsaponifiable matter (wt%)	0.50 max.	<0.5
Refractive Index at 20°C	1.4400 - 1.4500	1.4489
Relative Density @ 20°C	1.440 - 1.452	Pass
Heavy metals, ppm	10 max	<10
Chromium, ppm	0.05 max	<0.05
Copper, ppm	0.1 max	<0.1
Lead, ppm	0.1 max	<0.1
Nickel, ppm	0.1 max	<0.1

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Tin, max	0.1 max	<0.1
Arsenic, max	0.5 max	<0.5
Total Ash, %	0.1 max	<0.1
Escherichia coil	0 MPN/g	0
Pseudomonas aeruginosa	<10 colony/g	<10
Staphylococcus aureus	<10 colony/g	<10
Salmonella sp.	Negative/25g	Negative
Coliform	0 MPN/g	0
Total Plate Count (TPC)	<10 colony/g	<10
Yeast Mold	<10 colony/g	<10

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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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