LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: MCT Oil, Derived from Palm, Kosher
Item Number: MCTS
CAS#: 73398-61-5
Grade: Food
Lot Number: 5002547/1.1
Manufacture Date: 07/04/2026
Expiration Date: 07/03/2029
Country of Origin: United States

Tested Property	Specification	Analysis
Appearance	Conforms to standard	Pass
Odor	According to standard	Pass
Taste	According to standard	Pass
Fatty Acid Distribution A: C6	Max 0.5 (wt%)	0.1 (wt%)
Fatty Acid Distribution B: C8	50 - 65 (wt%)	54.4 (wt%)
Fatty Acid Distribution C: C10	30.0 - 50.0 (wt%)	45.1 (wt%)
Fatty Acid Distribution D: C12	Max 2.0 (wt%)	0.4 (wt%)
Fatty Acid Distribution E: C14	Max 0.5 (wt%)	0.0 (wt%)
Acid Value	Max 0.10 (mg KOH/g)	0.06 (mg KOH/g)
Saponification Value	325 - 340 (mg KOH/g)	334 (mg KOH/g)
Iodine Value	Max 0.30 (g I2/100 g)	0.03 (g I2/100 g)
Moisture	Max 0.2 (wt%)	0.04 (wt%)
Color, APHA	Max 50	19
Cloud Point	Max -5.0 °C	-8.2 °C
Hydroxyl Value	Max 5.0 (mg KOH/g)	3.0 (mg KOH/g)
Peroxide Value	Max 1.0 (mmole O2.kg)	0.03 (mmole O2.kg)
Unsaponifiable matter	Max 0.50 (wt%)	<0.50 (wt%)
Refractive Index at 20 °C	1.4480-1.4500	1.4492

Store in a cool, dry, and well-ventilated environment.

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MCT Oil, Derived from Palm, Kosher

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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