



# ESSENCE ET SÉRÉNITÉ

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## CERTIFICATE OF ANALYSIS AND SPECIFICATIONS

Certificate No. 09202146-01

LOT NUMBER	: 2111871	DATE BEST BEFORE	: 07/20/2023
PRODUCT	: PEPPERMINT OIL EX MENTHA PIPERITA	COUNTRY OF ORIGIN	: INDIA
CAS #:	: 8006-90-4	NOTES	: SOLUBILITY PASSES
ISSUE DATE:	: 09/10/2021		
MANUFACTURED:	: 07/20/2021		
DATE TO RETEST	: 07/19/2023		

TEST	METHOD	RESULT	SPECIFICATION
DESCRIPTION AND ODOR			BOTANICAL NAME: MENTHA PIPERITA STEAM DISTILLATION OF HERB CHARACTERISTIC PEPPERMINT ODOR CLEAR COLORLESS TO PALE YELLOW LIQUID
APPEARANCE			
SPECIFIC GRAV.		0.8985 @ 25°C	0.8950 TO 0.9150 @ 25°C
REFRACTIVE INDEX		1.4590 @ 20°C	1.4590 TO 1.4650 @ 20°C
OPTICAL ROTATION		-26.8 @ 25°C	-30° TO -14 @ 25°C
L-MENTHOL CONTENT		41.80%	32.0 - 49.0%
L-MENTHONE		26.06%	13.0 - 28.0%
MENTHYL ACETATE		5.28%	2.0 - 8.0 %
MENTHOFURAN		1.34%	1.0 TO 8.0%
PULEGONE		0.70%	0.50 TO 3.0%
ACID VALUE		PASSES	1.4 MAXIMUM
IDENTIFICATION A			PASSES
IDENTIFICATION B			PASSES
STORAGE AND SHELF LIFE			STORE IN COOL DRY PLACE AWAY FROM HEAT AND SUNLIGHT.

Shelf life is guaranteed for three years from the date of production if the product is stored in the unopened original container between 15°C - 30°C, protected from light. Because this material is sensitive to oxidation, it is saturated with nitrogen and sealed with nitrogen atmosphere for protection. If containers are opened for sampling, be sure to refill the atmosphere with nitrogen. Containers that have been opened should be tested at least yearly to ensure potency. Although Original Maison Sereine Co. LLC DBA Essence et Sérénité and its associated partners believe the above information to be accurate based on the information available to Maison Sereine Co. LLC DBA Essence et Sérénité and its associated partners are the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Maison Sereine Co. LLC DBA Essence et Sérénité meets their quality requirements and is appropriate for the use to which the product is to be put. The information provided above shall be considered effective only for the lot with which the information is being provided. Use and purchase of this material is subject to Maison Sereine Co. LLC DBA Essence et Sérénité and its associated partners standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.