

Product	PEPPERMINT ESSENTIAL OIL (INDIA)
Lot #	2408061
Manufacturing Date	03/2024
Best Before	03/2027
Properties	Results
Specific Gravity @20° C	0.900
Refractive Index @ 20° C	1.459
Optical Rotation @ 20° C	-25.25 <sup>0</sup>
1-8 Cineole	5.48
L-Menthone	26.11
D-Iso-Menthone	4.04
L-Menthol	40.32

This Certificate of Analysis was created by the manufacturer/distiller of this product. This information is believed to be upto-date and correct; however, it is provided without any warranty. The customer is responsible for examining the product upon arrival and determining the safe use of the product in order to be in compliance with all applicable laws and regulations. The product must be stored in a cool, dry place away from direct light and heat, tightly sealed and away from children, the mentally infirm and pets. All responsibility (including damage or injury) for the use of this and any other product purchased from Camden-Grey Essential Oils, Inc. rests with the purchaser/user. Camden-Grey's liability is limited to the paid value of this product.



Product	PEPPERMINT ESSENTIAL OIL (INDIA)
Lot #	2320111
Manufacturing Date	11/2022
Best Before	11/2025
Properties	Results

Specific Gravity @20º C	0.900
Refractive Index @ 20 <sup>0</sup> C	1.459
Optical Rotation @ 20 <sup>0</sup> C	-24.93 <sup>0</sup>
L-Menthol	40.50

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Product Lot # Manufacturing Date Best Before	PEPPERMINT ESSENTIAL OIL (INDIA) 2316101 12/2022 12/2025
Properties	Results
Specific Gravity @20 <sup>0</sup> C	0.900

Refractive Index @ 20 <sup>0</sup> C	1.459
Optical Rotation @ 20° C	-25.25 <sup>0</sup>
L-Menthone	26.11
L-Menthol	41.38

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Refractive Index @ 20° C

Optical Rotation @ 20° C

Product Lot # Manufacturing Date Best Before	PEPPERMINT ESSENTIAL OIL (INDIA) 2204115 10/2022 10/2025
Properties	Results
Specific Gravity @20°C	0.901

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1.459

-25.21°



Product	PEPPERMINT ESSENTIAL OIL (INDIA)
Lot #	2114041
Manufacturing Date	11/2022
Best Before	11/2025
Properties	Results

Specific Gravity @20º C	0.900
Refractive Index @ 20 <sup>0</sup> C	1.459
Optical Rotation @ 20 <sup>0</sup> C	-24.93 <sup>0</sup>

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Product	PEPPERMINT ESSENTIAL OIL (INDIA)
Lot #	2123101
Manufacturing Date	10/2021
Shelf Life	3 years
Properties	Results

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Specific Gravity @20º C	0.9012
Refractive Index @ 20 <sup>o</sup> C	1.4601
Optical Rotation	-26.32 <sup>0</sup>
L-Menthol (minimum 30 %)	42.10 %
L-Menthone	24.82 %



Refractive Index @ 20º C

Optical Rotation @ 20° C

Product Lot # Manufacturing Date Shelf Life		PEPPERMINT ESSENTIAL OIL (INDIA) 2122103 09/2021 3 years	
	Properties	Results	
	Specific Gravity @20°C	0.9008	

1.4596

 $-26.85^{\circ}$ 



L-Menthone

Product Lot # Shelf Life	PEPPERMINT ESSENTIAL OIL (INDIA) 20030117 3 years
Properties	Results
Specific Gravity @20° C Refractive Index @ 20° C	0.9016 1.4597
Optical Rotation @ 20° C	-26.61 <sup>0</sup>
L-Menthol	41.78%

This Certificate of Analysis was created by the manufacturer/distiller of the product. This information is believed to be up-to-date and correct; however, it is provided without any warranty. The customer is responsible for examining the product upon arrival and determining the safe use of the product in order to be in compliance with all applicable laws and regulations. The product must be stored in a cool, dry place away from direct light and heat, tightly sealed and away from children, the mentally infirm and pets. Essential oils shipped in amber plastic pharmaceutical grade bottles must be transferred to amber glass upon arrival, those shipped in aluminum bottles may be stored in such bottles for a minimum of 6 months, tightly sealed. All responsibility (including damage or injury) for the use of this and any other product purchased from Camden-Grey Essential Oils, Inc. rests with the purchaser/user. Camden-Grey's liability is limited to the paid value of this product.

26.02%



Product	PEPPERMINT ESSENTIAL OIL (INDIA)
Lot #	2022099
Shelf Life	3 years
Properties	Results

Specific Gravity @200 C	0.9006
Refractive Index @ 20 <sup>0</sup> C	1.4598
Optical Rotation @ 20 <sup>0</sup> C	-26.39 <sup>0</sup>



Product	PEPPERMINT ESSENTIAL OIL (INDIA)
Lot #	2031031
Shelf Life	3 years
Properties	Results

Specific Gravity @200 C	0.8993
Refractive Index @ 20 <sup>0</sup> C	1.4596
Optical Rotation @ 20 <sup>0</sup> C	-25.71 <sup>0</sup>



Product	PEPPERMINT ESSENTIAL OIL (INDIA)
Lot #	1911181
Shelf Life	3 years
Properties	Results

Specific Gravity @20º C	0.9009
Refractive Index @ 20 <sup>0</sup> C	1.4596
Optical Rotation @ 20 <sup>0</sup> C	-25.870