



JOHN KELLYS (LONDON) LTD

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● Essential Oils ● Aromatic Chemicals ● Oleoresins ● Fragrances ● Flavors ● Functional ingredients

CERTIFICATE OF ANALYSIS

PRODUCT: Peppermint Oil Piperita MF 1.5%

JK LOT NUMBER: 38138

DATE OF MANUFACTURE: April, 2025

DATE OF EXPIRY: April, 2028

Definition: The Peppermint Oil (Ex-Piperita Oil) is obtained by steam distillation of the fresh aerial parts of the flowering tops of Mentha piperita plant grown in India.

PARAMETERS	RESULT
ASPECT	LIQUID
COLOUR	COLOURLESS TO PALE YELLOW
NATURAL STATUS	100% pure and natural.
APPEARANCE	COLOURLESS, PALE YELLOW OR PALE GREENISH-YELLOW LIQUID
STORAGE	STORE IN A COOL, DRY PLACE IN TIGHTLY SEALED CONTAINERS, PROTECTED FROM HEAT AND LIGHT
RELATIVE DENSITY @ 20°C	0.900
REFRACTIVE INDEX @ 20°C	1.460
OPTICAL ROTATION @ 20°C	-22.95°
ACID VALUE	0.75%

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PARAMETERS	RESULT
Alpha Pinene CONTENT (BY GC)	1.35%
Beta Pinene CONTENT (BY GC)	1.45%
L-Limonene CONTENT (BY GC)	2.65%
Cineole CONTENT (BY GC)	6.10%
L-Menthone CONTENT (BY GC)	23.20%
Menthofuran CONTENT (BY GC)	1.55%
Iso-Menthone CONTENT (BY GC)	3.60%
L-Menthyl Acetate CONTENT (BY GC)	4.55%
ISO-PULEGOLE CONTENT (By GC)	0.12%
Neo-Menthol CONTENT (BY GC)	3.30%
Beta-Caryophyllene CONTENT (BY GC)	3.40%
L- Menthol CONTENT (BY GC)	34.50%
Pulegone CONTENT (BY GC)	0.85%
Carvone CONTENT (BY GC)	0.35%

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