



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 1.3%

JK LOT NUMBER: 38124

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
NATURE	100% PURE AND NATURAL
RELATIVE DENSITY @ 20°C	0.901
REFRACTIVE INDEX @ 20°C	1.461
OPTICAL ROTATION @ 20°C	-23.35°
ACID VALUE	0.80%
ALPHA PINENE Content (By GC)	1.45%
BETA PINENE Content (By GC)	1.55%
L-LIMONENE Content (By GC)	2.75%

This certificate is generated using data provided by our suppliers.

PARAMETERS	RESULT
MENTHOFURAN Content (By GC)	1.35%
ISO-MENTHONE Content (By GC)	3.50%
L-MENTHYL ACETATE Content (By GC)	4.55%
ISO-PULEGOLE Content (By GC)	0.11%
NEO-MENTHOL Content (By GC)	3.40%
BETA-CARYOPHYLLENE Content (By GC)	3.40%
L-MENTHOL Content (By GC)	34.90%
PULEGONE Content (By GC)	0.75%
CARVONE Content (By GC)	0.45%