



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: 38133
DATE OF MANUFACTURE: May 2025
DATE OF EXPIRY: May 2028
Grade: EP 7.8
Alternative Name: Peppermint Ex-Mentha Piperita

PARAMETERS	RESULT
ORAANOLEOTIC NOTE	Olfactory note, fresh menthol, cool taste, sweet herbaceous woody.
PRODUCT DESCRIPTION	Essential oil obtained by steam distillation from the fresh aerial parts of the flowering plant of mentha piperita.
ORIGIN	INDIA
BOTANICAL NAME	MENTHA PIPERITA
NATURAL STATUS	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

PARAMETERS	RESULT
SPECIFIC GRAVITY @ 25°C	0.901 g/mL
OPTICAL ROTATION @ 25°C	-23.45°
REFRACTIVE INDEX @ 25°C	1.461

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PARAMETERS	RESULT
FLASH POINT (CLOSED CUP)	70°C
ACID VALUE	0.70
FATTY OILS	ABSENT
ACIDITY ALKALINITY	NEUTRL TO LITMUS
SOLUBILITY	VERY SLIGHTLY SOLUBLE IN WATER SOLUBLE IN ORGANIC SOLVENTS
LIMONENE CONTENT (By GC)	2.158%
1,8-CINEOLE CONTENT (BY GC)	4.492%
MENTHONE CONTENT (BY GC)	22.534%
MENTHO FURAN CONTENT (BY GC)	1.395%
ISO MENTHONE CONTENT (BY GC)	4.138%
MENTHYL ACETATE CONTENT (BY GC)	4.976%
ISO PULEGOL CONTENT (BY GC)	0.115%
L-MENTHOL CONTENT (BY GC)	43.812%
PULEGONE CONTENT (BY GC)	1.174%
CARVONE CONTENT (BY GC)	0.173%
STABILTY	36 MONTHS OF SHELF LIFE FROM MANUFACTURE OR LONGER IF STORED PROPERLY

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