



HETAKSH ESSENTIAL OILS

An ISO 9001:2015 and GMP Certified company

CERTIFICATE OF ANALYSIS

Product	:	Peppermint Oil
Testing Protocol	:	IP
Lot No	:	HEE-12032314
Mfg Date	:	12.03.23
Best Before	:	11.03.25
Botanical Source	:	Mentha Arvensis
CAS No.	:	68917-18-0
HS Code	:	33012500
Mfg Process	:	Steam Distillation

TEST	STANDARD	RESULT
Description	: Colourless, pale yellow or pale greenish yellow liquid; odour, characteristic; taste, characteristic followed by sensation of cold.	Complies
Acidity	: To 2 g add 0.25 ml of phenolphthalein solution; not more than 0.1 ml of 0.5M ethanolic potassium hydroxide is required to change the colour of the solution.	Complies
Solubility	: Freely soluble in ethanol (70%).	Complies
Optical Rotation	: -10° to -30°	-16.6°
Weight per ml	: 0.900 to 0.916 g	0.902
Refractive Index	: 1.460 to 1.467	1.461
Dimethyl Sulphide	: Distil 25 ml, collect the first 1 ml of the distillate and carefully superimpose it on 5 ml of a 6.5% w/v solution of mercuric chloride; no white film is produced within 1 minute at the interface of the two liquids	Complies
Fixed & Resinified Volatile Oil	: Allow 0.05 ml to fall on a filter paper. The oil evaporates completely within 24 hours without leaving a translucent or greasy mark	Complies
Assay By GC	: 4.5 to 10% Menthyl Acetate Content 15 to 32% Menthone Content Min 44% Menthol Content	5.1% 22.3 % 46.2%
Storage	: In well fitted container in cool and dark place.	

CONTACT :

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