



Trafa Pharmaceutical Inc.

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SPECIFICATION SHEET

Product Name	PEPPERMINT OIL
Botanical Name	Mentha piperita
CAS#	8006-90-4

Part Used	Leaves
Extraction Method	Steam Distilled Essential Oil
Quality	100% Pure and Natural
Note Classification	Top Note

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Clear to pale yellow colored liquid
Odour	Refreshing, sharp, strongly minty aroma with a deep balsamic-sweet
Refractive Index	1.455- 1.467@ 20oC
Specific Gravity (g/mL)	0.896 - 0.916@ 20°C
Optical Rotation (°)	-30° to -100
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>
Aerobic Mesophilic Bacterial Count	< 100 CFUig	ISO 21149
Yeast and Mould	< 10 CFUig	ISO 16212
Candida albicans	ABSENT / 1g	ISO 18416
Escherichia coli	ABSENT / 1g	ISO 21150
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717
Staphylococcus aureus	ABSENT / 1g	ISO 22718

<u>HEAVY METAL TESTS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>
Lead: Pb (mg/kg or ppm)	< 10 ppm	na
Arsenic: As (mg/kg or ppm)	< 2 ppm	na
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by : .


Abdullah Malik (QA)