



# VENKATRAMNA INDUSTRIES

Manufacturer & Exporter of All kinds of Oils, i.e.: Natural & Organic Essential Oil, Attars, Perfumes, Absolutes & Floral Waters, Spice Oils and Peppermint Products

An ISO 9001:2008 & ISO 22000:2005 Certified Company

IEC No.: 0611008513 GST No.: 09AVOPS2676K1ZN

Manufacturing Plant.: Talaya Chauki, Kannauj-209725, India

Corporate Office.: C1-310, MIG Indira Nagar, Kanpur-208026, India

Since  
1920

## PRODUCT SPECIFICATION

Date of Issue: 20/01/2020	Document No: VRI/PS/01-190
Revision Date: 11/07/2020	Revision No: 01

Product Name	Mentha Spearmint Peppermint Essential Oils
Botanical Name	<i>Mentha spicata</i>
CAS #	98561-44-5
EC #	308-804-6
EINECS #	---
INCI Name	Mentha spicata herb oil
INCI Description	Mentha Spicata Herb Oil is an essential oil obtained from the herbs of the Spearmint, Mentha spicata (L.) var. crispa, Lamiaceae
Country of Origin	India
Packaging	As Per Customer Requirement

Part Used	Leaves
Extraction Method	Steam Distillation
Quality	100% Pure and Natural
Note Classification	Strong

Physical & Analytical Analysis	SPECIFICATIONS
Appearance	Colorless to pale yellow
Odor	Sweet and refreshing aroma
Refractive Index @ 20°C	1.465
Specific Gravity (g/mL) @ 20°C	0.938
Optical Rotation (°)	38.27°
Solubility	Insoluble in water, soluble in alcohol and oils

Ingredients	Strength (%)
L-Carvone	59.2-69.4
(P)-limonene	10.1-14.3
b-Myrcene	3.4-5.6
(Z)-Dihydrocarvone	0.8-4.7
1,8-cineole	0.8-3.7
3-octanol	0.5-2.4
Menthone	0.2-01.3

MICROBIAL ANALYSIS

SPECIFICATIONS

STANDARDS

Aerobic Mesophilic Bacterial Count	< 100 CFU	ISO 21149
Yeast and Mould	< 10 CFU	ISO 16212
Candida albicans	ABSENT	ISO 18416
Escherichia coli	ABSENT	ISO 21150
Pseudomonas aeruginosa	ABSENT	ISO 22717
Staphylococcus aureus	ABSENT	ISO 22718

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

Note: This Product Specification Sheet was prepared in accordance with the Quality parameters taken during product manufacturing/processing to maintain the quality of the product. This Specification Sheet shows the product characteristic feature of the actual product. However you can find the detailed examination report for the respective batches in their COA.