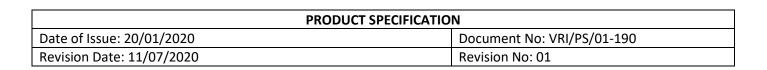


VENKATRAMNA INDUSTRIES

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

Sínce

An ISO goo1:2008 & 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



Product Name	Mentha Spearmint Peppermint Essential Oils		
Botanical Name	Mentha spicata		
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	

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.

