



Certificate of Analysis

MENTHA ARVENSIS (CORN MINT) LEAF OIL

Product code : BLPEO1056

Sample designation : Corn Mint Essential Oil
Botanical name : Mentha arvensis
CAS# : 68917-18-0; 90063-97-1

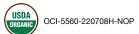
FEMA# : 4219
EINECS# : 290-058-5
Lot number : 10562108
Geographic origen : India

Type of culture : Organic - USDA Organic

Part of the plant used : Leaves

Extraction method : Steam distillation Re-test date : February 2024





Sensory Check

Feature	Reference	Result
Appearance:	Pale yellow to yellow colored liquid	meets
Fragrance:	Fresh, sharp, strongly minty, slightly green- herbaceous aroma	meets
Color:	Pale yellow to yellow	meets
Note classification:	Top note	

Analytical Check

Properties	Specifications	Results	
Refractive index	1.445 - 1.470 @ 20°C	1.461	
Specific grafity (g/mL)	0.885 - 0.915 @ 25°C	0.898	
Optical Rotation (°)	-35° to -21°	Conforms	
Solubility	Soluble in alcohols and fixed oils	Conforms	
	Insoluble in water		

Microbial Analyses	Specifications	Standard	Results
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149	Conforms
Yeast and Mould	< 10 CFU/g	ISO 16212	Conforms
Candida albicans	ABSENT / 1g	ISO 18416	Conforms
Escherichia coli	ABSENT / 1g	ISO 21150	Conforms
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717	Conforms
Staphylococcus aureus	ABSENT / 1g	ISO 12718	Conforms



Heavy Metal Test	Specifications	Standards	Results
Lead: Pb (mg/kg or ppm) Arsenic: As (mg/kg or ppm) Mercury: Hg (mg/kg or ppm)	< 10 ppm < 2 ppm < 1 ppm	n/a n/a n/a	Conforms Conforms

Stability and Storage

Keep in tightly closed containers a cool and dry space, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

As this is electronically generated document, hence no signature required.

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