



## 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 origin : India  
 Type of culture : Organic - USDA Organic  
 Part of the plant used : Leaves  
 Extraction method : Steam distillation  
 Re-test date : February 2024



ORG/SC/2202/001041



OCI-5560-220708H-NOP

#### 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 gravity (g/mL)	0.885 - 0.915 @ 25°C	0.898
Optical Rotation (°)	-35° to -21°	Conforms
Solubility	Soluble in alcohols and fixed oils Insoluble in water	Conforms

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)	< 10 ppm	n/a	Conforms
Arsenic: As (mg/kg or ppm)	< 2 ppm	n/a	Conforms
Mercury: Hg (mg/kg or ppm)	< 1 ppm	n/a	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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