

### **CERTIFICATE OF ANALYSIS (COA)**

<b>Product Name</b>	<b>BERGAMOT MINT (CITRATA) ESSENTIAL OIL</b>
<b>Botanical Name</b>	Mentha citrata
<b>CAS #</b>	85085-49-0 ; 68917-15-7
<b>EINECS #</b>	285-378-7
<b>INCI Name</b>	Mentha Citrata Herb Oil

<b>Part Used</b>	Leaves and Flowering Tops
<b>Extraction Method</b>	Steam Distilled Essential Oil
<b>Quality</b>	100% Pure and Natural
<b>Note Classification</b>	Top Note

<u><b>PROPERTIES</b></u>	<u><b>SPECIFICATIONS</b></u>	<u><b>RESULTS</b></u>
<b>Appearance</b>	Colorless to pale yellow colored liquid	CONFORMS
<b>Odour</b>	Refreshing, minty, fruity, slightly citrus aroma	CONFORMS
<b>Refractive Index</b>	1.440 - 1.470 @ 20°C	1.455
<b>Specific Gravity (g/mL)</b>	0.880 - 0.920 @ 25°C	0.898
<b>Optical Rotation (°)</b>	-15° to -7°	CONFORMS
<b>Solubility</b>	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

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

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

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