



TREAT YOUR SOUL

# WINTERGREEN OIL

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>WINTERGREEN OIL</b>
<b>Botanical Name</b>	Gaultheria procumbens
<b>CAS #</b>	68917-75-9 ; 90045-28-6
<b>FEMA #</b>	3113
<b>EINECS #</b>	289-888-0
<b>INCI Name</b>	Gaultheria Procumbens (Wintergreen) Leaf Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
<b>Appearance</b>	Pale yellow to pinkish yellow colored liquid	CONFORMS
<b>Odour</b>	Strong, characteristic, sweet-minty, woody aroma	CONFORMS
<b>Refractive Index</b>	1.523 - 1.543 @ 20°C	1.531
<b>Specific Gravity (g/mL)</b>	1.160 - 1.195 @ 20°C	1.178
<b>Optical Rotation (°)</b>	-1° to +2°	CONFORMS
<b>Solubility</b>	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

<b>Comments</b>	Odour quality is excellent
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**Address:** 975 Lunt Ave., Schaumburg Illinois 60193, USA

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## CERTIFICATE OF ANALYSIS

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
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 22718	CONFORMS

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

### **STABILITY AND STORAGE:**

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

**As it is electronically generated document, hence no signature required.**

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