


## CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION	COMPANY IDENTIFICATION
<b>PRODUCT NAME :</b> Wintergreen Organic - ESSENTIAL OIL <b>BOTANICAL NAME :</b> Gaultheria fragrantissima <b>SYNONYM(S) :</b> wintergreen	<b>COMPANY :</b> ZAYAT AROMA INC. <b>ADDRESS :</b> 1339 SHEFFORD, BROMONT (QC) J2L 1C9, CANADA <b>TELEPHONE :</b> 1.855.534.1671 <b>FAX :</b> 1.855.318.6124 <b>WEB :</b> WWW.ZAYATAROMA.COM <b>E-MAIL :</b> INFO@ZAYATAROMA.COM
<b>INCI NAME :</b> Gaultheria fragrantissima Wall <b>CAS TSCA :</b> 68917-75-9 <b>HS CODE :</b> 3301.29 <b>CAS EINECS :</b> 289-888-0 <b>EINECS :</b> 119-36-8 <b>FEMA :</b> 3113 <b>COE :</b> 211n <b>COUNTRY OF ORIGIN :</b> Nepal <b>FDA CODE :</b> N/A	Certified organic by Ecocert Canada 
<b>PRODUCTION TYPE :</b> Organic <b>PRODUCTION METHOD :</b> Steam distilled <b>PART DISTILLED :</b> Leaves <b>LOT NUMBER :</b> EAB428777NP38316A <b>PRODUCTION DATE :</b> July, 2016 <b>EXPIRATION DATE :</b> July, 2018	

PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Pink to red liquid</i>	<i>Complies</i>
ODOR	<i>Characteristic intense sweet woody odor with flowery odour</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in diethyl ether. Very slightly soluble in cold water. Solubility in water: 0.74%.</i>	<i>Complies</i>
SPECIFIC GRAVITY	<i>1.18 – 1.184 @ 25°C</i>	<i>1.183</i>
OPTICAL ROTATION	<i>-1.5 – +0 @ 20°C</i>	<i>Complies</i>
REFRACTIVE INDEX	<i>1.535 – 1.538 @ 20°C</i>	<i>1.536</i>
COMPOSITION	<i>Methyl salicylate, safrole, linalool, cineole, pinene, gaultherilene</i>	

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Wintergreen Organic - ESSENTIAL OIL  
Gaultheria fragrantissima

LOT : EAB428777NP38316A

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COMPONENTS	% TOTAL : 98,83
<i>decane</i>	0,2
<i>undecane</i>	0,56
<i>undecane, 3-methyl-</i>	0,23
<i>hexadecane</i>	0,28
<i>benzoic acid, 2-hydroxy-, methyl ester</i>	0,25
<i>4-hexen-1-ol, 5-methyl-2-(1-methylethenyl)-</i>	0,65
<i>Dodecane</i>	0,91
<i>benzoic acid, 2-hydroxy-, methyl ester</i>	84,75
<i>4-hexen-1-ol, 5-methyl-2-(1-methylethenyl)-</i>	0,8
<i>3-dodecane,€</i>	1,03
<i>4-hexen-1-ol, 5-methyl-2-(1-methylethenyl)-</i>	0,4
<i>decane, 3.8-dimethyl-</i>	0,48
<i>2.6-octadienal, 3.7-dimethyl-,E-</i>	0,94
<i>benzoic acid, 2-hydroxy-, ethyl ester</i>	0,7
<i>tridecane</i>	1,1
<i>7-octan-2-ol, 2.6-dimethyl-,</i>	0,2
<i>tetradecane</i>	0,53
<i>III-cycloprop[e]azulene, 1a, 2, 3, 4, 4a, 5, 6, 7b-o</i>	0,22
<i>cyclohexamethanol, 4-ethenyl-alpha, alpha</i>	0,38
<i>azulene, 1,2,3,4,5,6,7,8-octahydro-1,4-dimethyl</i>	1,05
<i>1,6,10-dodecatriene, 7.11-dimethyl-3-methyle</i>	0,33
<i>alpha-cubebene</i>	0,37
<i>nepthalene, 1,2,3,4,5,6,8a-hexahydro-4,7-dimethyl</i>	0,35
<i>nepthalene, 1,2,3,4,4a,5,6,8a-octahydro-7-m</i>	0,86
<i>nepthalene, 1,2,3,4,5,6,8a-hexahydro-4,7-dimethyl</i>	1,26

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