



## CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION		COMPANY IDENTIFICATION	
PRODUCT NAME:	Tea Tree	COMPANY:	ZAYAT AROMA INC.
BOTANICAL NAME:	Melaleuca alternifolia	ADDRESS:	1339 SHEFFORD, BROMONT (QC) J2L 1C9, CANADA
SYNONYM(S):		TELEPHONE:	1.855.534.1671
		FAX:	1.855.553.6010
		WEB:	WWW.ZAYATAROMA.COM
		E-MAIL:	INFO@ZAYATAROMA.COM
INCI NAME:	Melaleuca alternifolia (tea tree) leaf oil		
CAS TSCA:	85085-48-9	HS CODE:	3301.29
CAS EINECS:	68647-73-4	EINECS:	
FEMA:	3902	COE:	456n
COUNTRY OF ORIGIN:	Australia	FDA CODE:	N/A
PRODUCTION TYPE:	Certified Organic	Certified organic by Ecocert Canada	
PRODUCTION METHOD:	Steam distilled	 	
PART DISTILLED:	Leaves		
LOT NUMBER:	EAB635257AU46924A		
PRODUCTION DATE:			
EXPIRATION DATE:			

PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Clear colorless to pale yellow liquid</i>	<i>Complies</i>
ODOR	<i>Characteristic powerful, fresh, warm, spicy-earthly odor</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol and oils. Insoluble in water.</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.885 - 0.906 @ 20°C</i>	
OPTICAL ROTATION:	<i>+5.0 - +15.0 @ 20°C</i>	
REFRACTIVE INDEX:	<i>1.475 - 1.482 @ 20°C</i>	<i>N/A</i>
PEROXYDE VALUE:	<i>&lt;= 15 mEq O2/KG</i>	<i>N/A</i>

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Tea Tree  
Melaleuca alternifolia

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% TOTAL: 60.3	COMPONENTS
14 Å 28	<i>Gamma terpinène</i>
<10	<i>1,8 cineole</i>
35 Å 48	<i>terpinène 4 ol</i>
1.5 Å 5	<i>terpinolène</i>
6 Å 12	<i>alpha terpinène</i>
0.3 Å 8	<i>para cymene</i>
1 Å 4	<i>alpha pinene</i>
0.5 Å 1.5	<i>limonene</i>
2 Å 5	<i>alpha terpineol</i>

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