


CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION	COMPANY IDENTIFICATION
PRODUCT NAME : Cistus Ladanifer Organic - ESSENTIAL OIL BOTANICAL NAME : Cistus ladaniferus pineniferum SYNONYM(S) :	COMPANY : ZAYAT AROMA INC. ADDRESS : 1339 SHEFFORD, BROMONT (QC) J2L 1C9, CANADA TELEPHONE : 1.855.534.1671 FAX : 1.855.318.6124 WEB : WWW.ZAYATAROMA.COM E-MAIL : INFO@ZAYATAROMA.COM
INCI NAME : Cistus ladaniferus (gum) oil CAS TSCA : 8016-26-0 HS CODE : 3301.29 CAS EINECS : 289-711-7 EINECS : 89997-74-0 FEMA : 2609 COE : N/A COUNTRY OF ORIGIN : Espagne FDA CODE : N/A	Certified organic by Ecocert Canada 
PRODUCTION METHOD : Steam distilled PART DISTILLED : Leaves LOT NUMBER : EAB247524 ES56916C PRODUCTION DATE : May 2016 EXPIRATION DATE : May 2018	

PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Transparent liquid, yellow to reddish orange</i>	<i>Complies</i>
ODOR	<i>Sweet, warm, balsamic</i>	<i>Complies</i>
SOLUBILITY	<i>Water: No; Oil: Yes; Ethanol: Partially.</i>	<i>Complies</i>
SPECIFIC GRAVITY	<i>0.860 - 0.935 @ 20°C</i>	<i>Complies</i>
OPTICAL ROTATION	<i>-20.0 – +40.0 @ 20°C</i>	<i>Complies</i>
REFRACTIVE INDEX	<i>1.470 – 1.505 @ 20°C</i>	<i>Complies</i>

DISCLAIMER

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LOT : EAB247524ES56916C

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COMPONENTS	% TOTAL : 83,58
TRICYCLENE	0,82
<i>a</i> -PINENE	38,77
<i>a</i> -FENCHENE	0,11
CAMPHENE	4,98
<i>b</i> -PINENE	0,58
SABINENE	0,06
PINADIENE	0,96
<i>b</i> -MYRCENE	0,06
<i>a</i> -PHELLANDRENE	0,17
<i>a</i> -TERPINENE	0,89
LIMONENE	2,04
1,8-CINEOLE + <i>b</i> -PHELLANDRE	0,7
<i>g</i> -TERPINENE	1,25
STYRENE	0,2
<i>p</i> -CYMENE	2,47
TERPINOLENE	0,6
2,2,6-TRIMETHYLCYCLOHEXANONE	2,54
<i>Cis</i> -OXYDE DE ROSE	0,24
<i>Trans</i> -OXYDE DE ROSE	0,09
<i>a-p</i> -DIMETHYLSTYRENE	1,35
<i>b</i> -THUYONE	0,16
VITISPIRANE Mw=192	0,26
ISOLEDENE + CYCLOSATIVENE	0,35
<i>a</i> -COPAENE	0,94
3-NONEN-2-ONE	0,55
CAMPHRE	0,34
PINOCAMPHONE	0,71
LINALOL	0,89
ISOPINOCAMPHONE	1
ACETATE DE BORNYLE	3,76
NOPINONE	0,48
TERPINENE-4-OL	1,88
<i>b</i> -CARYOPHYLLENE	0,32
<i>b</i> -COPAENE	0,25
MYRTENAL	0,05
<i>Trans</i> -PINOCARVEOL	3,12
ALLO-AROMADENDRENE	0,03
BORNEOL	1,55
<i>a</i> -TERPINEOL	1,14
LEDENE	2,17

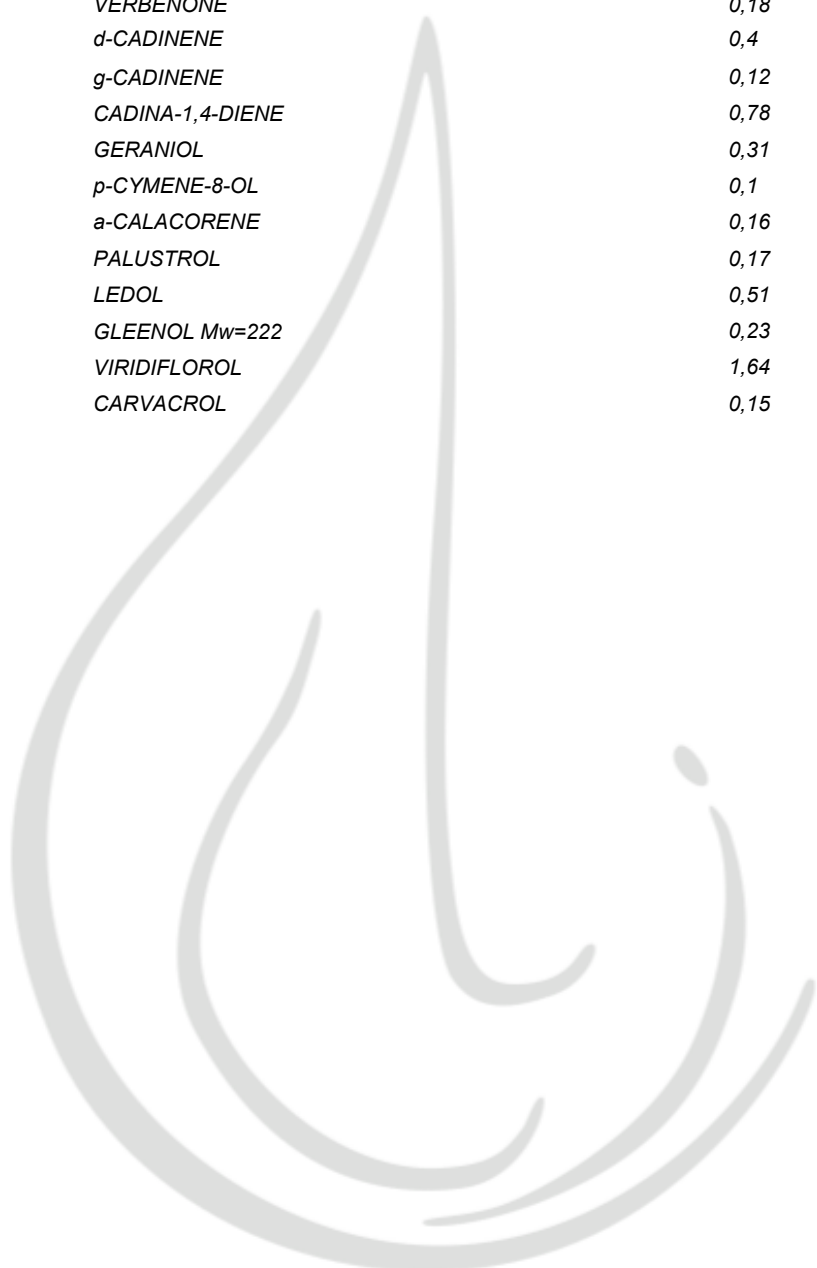
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COMPONENTS	%	TOTAL : 83,58
VERBENONE	0,18	
d-CADINENE	0,4	
g-CADINENE	0,12	
CADINA-1,4-DIENE	0,78	
GERANIOL	0,31	
p-CYMENE-8-OL	0,1	
a-CALACORENE	0,16	
PALUSTROL	0,17	
LEDOL	0,51	
GLEENOL Mw=222	0,23	
VIRIDIFLOROL	1,64	
CARVACROL	0,15	



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