

CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION

PRODUCT NAME: Cistus Ladanifer
 BOTANICAL NAME: Cistus ladaniferus
 SYNONYM(S):

INCI NAME: Cistus ladaniferus leaf/stem extract
 CAS TSCA: 8016-26-0 HS CODE: 3301.29
 CAS EINECS: N/A EINECS: N/A
 FEMA: N/A COE: N/A
 COUNTRY OF ORIGIN: Morocco FDA CODE: N/A
 PRODUCTION TYPE: Certified Organic
 PRODUCTION METHOD: Steam distilled
 PART DISTILLED: Leaves
 LOT NUMBER: EAB247525MA72620A
 PRODUCTION DATE: 12/2020
 EXPIRATION DATE: 12/2022

COMPANY IDENTIFICATION

COMPANY: ZAYAT AROMA INC.
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Certified organic by Ecocert Canada



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>0.886</i>
OPTICAL ROTATION:	<i>-20.0 – +40.0 @ 20°C</i>	<i>-20.0</i>
REFRACTIVE INDEX:	<i>1.470 – 1.505 @ 20°C</i>	<i>1.470</i>
PEROXYDE VALUE:	<i><= 15 mEq O2/KG</i>	<i>N/A</i>

DISCLAIMER

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Cistus Ladanifer
Cistus ladaniferus

LOT: MA72620A

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% TOTAL: 88.13	COMPONENTS
5.45	<i>Tricyclene</i>
0.12	<i>Alpha-thujene</i>
12.85	<i>Alpha-pinene</i>
28.95	<i>Camphene</i>
0.18	<i>Sabinene</i>
0.88	<i>Beta-pinene</i>
0.17	<i>Myrcene</i>
0.3	<i>Alpha-terpinene</i>
1.0	<i>P-cymene</i>
5.45	<i>2.2.6-trimethylcyclohexane</i>
0.15	<i>Beta-phellandrene</i>
0.6	<i>Limonene</i>
0.48	<i>Acetophenone</i>
0.52	<i>Gamma-terpinene</i>
0.22	<i>Terpinolene</i>
1.25	<i>Linalool</i>
0.45	<i>Alpha-campholenic aldehyde</i>
0.95	<i>(E)-pinocarveol</i>
0.95	<i>Camphor</i>
0.37	<i>Pinocarvone</i>
0.75	<i>Isopinocampone</i>
1.95	<i>Borneol</i>
1.0	<i>Terpinene-4-ol</i>
0.3	<i>Myrtenal</i>
0.4	<i>Alpha-terpineol</i>
0.3	<i>Verbenone + myrtenol</i>
1.35	<i>Linalyl acetate</i>
14.15	<i>Bornyl acetate</i>
0.45	<i>Geranyl acetate</i>
0.45	<i>Alpha-copaene</i>
0.3	<i>(E) Beta-caryophyllene</i>
0.69	<i>Allo-aromadendrene</i>
0.6	<i>Ledene</i>
1.65	<i>Delta-cadinene</i>
0.12	<i>Spathulenol</i>
0.18	<i>(E) Beta-caryophyllene oxide</i>
1.5	<i>Viridiflorol</i>
0.7	<i>Ledol</i>

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