



## CERTIFICATE OF ANALYSIS

### PRODUCT IDENTIFICATION

PRODUCT NAME: Hemp  
BOTANICAL NAME: Cannabis Sativa  
SYNONYM(S):

INCI NAME: Cannabis Sativa Essential Oil  
CAS TSCA: 89958-21-4      HS CODE: 3301.29  
CAS EINECS:      EINECS:  
FEMA: N/A      COE: N/A  
COUNTRY OF ORIGIN: Canada      FDA CODE: N/A  
PRODUCTION TYPE: Eco-durable  
PRODUCTION METHOD: Steam distilled  
PART DISTILLED: Flowers  
LOT NUMBER: EAP226727CA73719A  
PRODUCTION DATE: September 2018  
EXPIRATION DATE: September 2021

### COMPANY IDENTIFICATION

COMPANY: ZAYAT AROMA INC.  
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PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Colorless to Yellow-Orange</i>	<i>Complies</i>
ODOR	<i>Herbaceous, Spicy, Pungent</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol and oils. Insoluble in water.</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.8490 to 0.8700</i>	<i>0.858</i>
OPTICAL ROTATION:	<i>-5 to 0</i>	<i>-2.48</i>
REFRACTIVE INDEX:	<i>1.4800 to 1.4900</i>	<i>1.484</i>
PEROXYDE VALUE:	<i>&lt;= 15 mEq O2/KG</i>	<i>N/A</i>

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Hemp  
Cannabis Sativa

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% TOTAL: 100	COMPONENTS
0.04	Hexanol
0.03	Heptanal
0.07	Hashishene
0.06	alpha-Thujene
6.00	alpha-Pinene
0.06	Camphene
0.05	Unidentified monoterpene
0.08	Unidentified monoterpene
0.06	Sabinene
3.65	beta-Pinene
0.03	Unidentified monoterpene
0.27	Unidentified monoterpene
24.66	Myrcene
0.75	Pseudolimonene
0.25	alpha-Phellandrene
0.31	3-Carene
0.12	alpha-Terpinene
0.13	para-Cymene
5.26	Limonene
0.33	beta-Phellandrene
0.22	1,8-Cineole
0.23	Z-beta-Ocimene
2.22	E-beta-Ocimene
0.17	gamma-Terpinene
0.11	1-Octanol
5.48	Terpinolene
0.10	Fenchone
1.60	Linalool
0.78	endo-Fenchol
0.05	Epoxyterpinolene
0.27	Borneol
0.04	1,8-menthadien-4-ol
0.11	Terpinen-4-ol
0.59	alpha-Terpineol
0.21	Citronellol
0.24	Hexyl hexanoate
0.09	cis-Caryophyllene
0.10	Isocaryophyllene
24.00	beta-Caryophyllene
0.06	gamma-Elemene
0.39	trans-alpha-Bergamotene
0.89	E-beta-Farnesene
17.53	alpha-Humulene
0.24	Alloaromadendrene
0.05	trans-Cadina-1(6),4-diene
0.05	Valencene
0.19	beta-Selinene
0.12	alpha-Selinene
0.10	beta-Maaliene
0.09	beta-Panasinsene
0.15	Eudesma-3,7(11)-diene
0.49	Caryophyllene oxide
0.17	Humulene epoxide II
0.49	beta-Springene
0.17	alpha-Springene

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