



## CERTIFICATE OF ANALYSIS

### PRODUCT IDENTIFICATION

PRODUCT NAME: Blue Tansy  
BOTANICAL NAME: Tanacetum annuum  
SYNONYM(S):

INCI NAME: Tanacetum annuum oil  
CAS TSCA: 8016-87-3 [AICS], 84961-64-4 [HS CODE], EU] 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: Organic  
PRODUCTION METHOD: Steam distilled  
PART DISTILLED: Flowers  
LOT NUMBER: EAB826267MA72618B  
PRODUCTION DATE: 07/2018  
EXPIRATION DATE: 07/2020

### COMPANY IDENTIFICATION

COMPANY: ZAYAT AROMA INC.  
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PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Blue Liquid</i>	<i>Complies</i>
ODOR	<i>Powerful herbal and fruity odor.</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in ethyl alcohol, Insoluble in water</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.870 0.935 @ 20°C</i>	<i>0.898</i>
OPTICAL ROTATION:	<i>N/A</i>	<i>N/A</i>
REFRACTIVE INDEX:	<i>1.465 1.525 @ 20°C</i>	<i>1.510</i>
PEROXYDE VALUE:	<i>&lt;= 15 mEq O2/KG</i>	<i>N/A</i>

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% TOTAL: 91.47	COMPONENTS
0.45	<i>a-thuyène</i>
2.9	<i>a-pinène</i>
0.81	<i>camphène</i>
27.2	<i>sabinène</i>
6.4	<i>B-pinène</i>
6.7	<i>myrcène</i>
6.1	<i>a-phellandrène</i>
1.2	<i>a-terpinène</i>
4.2	<i>p-cymène</i>
0.29	<i>cinéole-1.8</i>
0.48	<i>B-phellandrene</i>
1.6	<i>limonène</i>
1.9	<i>y-terpinène</i>
0.96	<i>terpinolène</i>
5.4	<i>camphre</i>
1.3	<i>bornéol</i>
1.2	<i>terpinène-1, ol-4</i>
1.6	<i>(E) B-caryophyllène</i>
0.46	<i>a-humulène</i>
1.2	<i>germacrène D</i>
0.17	<i>B-sélinène</i>
7.8	<i>a-farmésène</i>
1	<i>y-cardinène</i>
0.10	<i>B-bisabolène</i>
0.25	<i>oxyde (E) B-caryophyllène</i>
9.8	<i>chamazulène</i>