



## CERTIFICATE OF ANALYSIS

### PRODUCT IDENTIFICATION

PRODUCT NAME: Myrica Gale  
BOTANICAL NAME: Myrica gale  
SYNONYM(S):

INCI NAME: N/A  
CAS TSCA: N/A  
CAS EINECS: N/A  
FEMA: N/A  
COUNTRY OF ORIGIN: Canada  
PRODUCTION TYPE: Organic  
PRODUCTION METHOD: Steam distilled  
PART DISTILLED: Leaves  
LOT NUMBER: EAB697425CA47920A  
PRODUCTION DATE: 06/2020  
EXPIRATION DATE: 06/2022

### COMPANY IDENTIFICATION

COMPANY: ZAYAT AROMA INC.  
ADDRESS: 1339 SHEFFORD, BROMONT (QC) J2L 1C9,  
CANADA  
TELEPHONE: 1.855.534.1671  
FAX: 1.855.553.6010  
WEB: WWW.ZAYATAROMA.COM  
E-MAIL: INFO@ZAYATAROMA.COM

HS CODE: 3301.29  
EINECS: N/A  
COE: N/A  
FDA CODE: N/A

PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Very light yellow clear liquid</i>	<i>Complies</i>
ODOR	<i>Herbs and camphor and fresh notes reminiscent of eucalyptus</i>	<i>Complies</i>
SOLUBILITY	<i>N/A</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.87 to 0.94 at 20°C</i>	<i>0.900</i>
OPTICAL ROTATION:	<i>NA</i>	<i>NA</i>
REFRACTIVE INDEX:	<i>1.48 to 1.51 at 20°C</i>	<i>1.4855</i>
PEROXYDE VALUE:	<i>&lt;= 15 mEq O2/KG</i>	<i>N/A</i>

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% TOTAL: 97.63	COMPONENTS
tr	toluène
0.03	2-methylbutyrate de méthyle
0.01	hexanol
0.01	acétate d'isoamyle
0.03	styrène
0.08	hashishène
0.03	tricyclène
0.46	alpha-thujène
5.40	alpha-pinène
0.13	camphène
tr	thuja-2,4(10)-diène
0.01	benzaldéhyde
0.02	inconnu
0.69	beta-pinène
0.03	inconnu
0.02	octén-3-ol
0.04	6-méthyl-5-heptén-2-one
17.61	myrcène
11.83	alpha-phellandrène
0.02	delta3-carène
0.44	alpha-terpinène
0.01	acétate d'hexyle
2.55	inconnu
13.62	limonène
1.71	(Z)-beta-ocimène
1.86	(E)-beta-ocimène
0.01	inconnu
0.86	gamma-terpinène
0.06	octanol
0.33	terpinolène
0.31	linalol
0.02	nonanal
0.09	inconnu
0.19	isovalérate d'amyle
0.02	beta-thujone
0.05	cis-para-menth-2-én-1-ol
0.02	allo-ocimène
0.01	trans-pinocarvéol
0.03	néo-allo-ocimène
0.06	ipsdiénol
0.09	isobutyrate d'hexyle
0.06	(E)-2,6-diméthyl-1,5,7-octatrien-3-ol
0.03	bornéol
0.05	inconnu
0.04	inconnu
0.40	terpinén-4-ol
0.02	cryptone
0.02	para-cymén-8-ol
0.01	trans-isocarvéol
0.25	alpha-terpineol
0.02	salicylate de méthyle
0.05	époxyde d'alpha-phellandrène
0.02	trans-pipéritol
0.10	acétate d'octyle
0.01	trans-carvéol
0.02	inconnu
0.05	citronellool
0.04	2-méthylbutyrate d'hexyle

0.08	<i>haxanoate de 2-méthylbutyle</i>
0.16	<i>isovalérate d'hexyle</i>
0.09	<i>inconnu</i>
0.11	<i>acétate de linalyle</i>
0.05	<i>acétate de bornyle</i>
0.11	<i>2-undécanone</i>
0.04	<i>thymol</i>
0.02	<i>carvacrol</i>
0.05	<i>acétate de delta-terpinyle</i>
0.04	<i>tiglate d'hexyle</i>
tr	<i>bicycloélémente</i>
0.01	<i>inconnu</i>
0.01	<i>isobutyrate d'octyle</i>
0.61	<i>acétate d'alpha-terpinyle</i>
0.10	<i>acétate de citronellyle</i>
0.05	<i>acétate de néryle</i>
0.07	<i>inconnu</i>
0.17	<i>alpha-copaène</i>
0.03	<i>épimère de 7-cubébène</i>
0.03	<i>beta-bourbonène</i>
0.12	<i>acétate de géranyle</i>
0.12	<i>beta-élémente</i>
0.12	<i>isovalérate de benzyle</i>
0.01	<i>alpha-gurjunène</i>
0.24	<i>alpha-cédrène</i>
2.56	<i>beta-caryophyllène</i>
0.06	<i>beta-copaène</i>
0.14	<i>inconnu</i>
0.51	<i>gamma-élémente</i>
0.12	<i>trans-alpha-bergamotène</i>
0.04	<i>seychellène</i>
0.19	<i>6,9-guaiadiène</i>
0.05	<i>inconnu</i>
0.71	<i>alpha-humulène</i>
0.15	<i>beta-acoradiène</i>
0.45	<i>4,5-diépi-aristolochène</i>
0.27	<i>trans-cadina-1(6),4-diene</i>
0.76	<i>séline-4,11-diene</i>
0.51	<i>germacrène D</i>
1.05	<i>ar-curcumène</i>
0.57	<i>trans-beta-bergamotène</i>
0.33	<i>delta-séline</i>
0.94	<i>alpha-séline</i>
0.06	<i>épizonarène</i>
0.33	<i>inconnu</i>
0.25	<i>beta-bisabolène</i>
0.81	<i>gamma-cadinène</i>
0.32	<i>spirovétiva-1(10),7(11)-diène</i>
1.15	<i>delta-cadinène</i>
1.80	<i>séline-4(15),7(11)-diène</i>
0.57	<i>alpha-cadinène</i>
1.70	<i>séline-3,7(11)-diène</i>
0.39	<i>(E)-alpha-bisabolène</i>
0.59	<i>inconnu</i>
0.34	<i>inconnu</i>
2.44	<i>germacrène B</i>
0.52	<i>inconnu</i>
0.70	<i>(E)-nérolidol</i>
0.40	<i>oxyde de caryophyllène</i>
0.58	<i>inconnu</i>
0.06	<i>époxyde d'humulène 1</i>
0.32	<i>beta-élémentone</i>
0.14	<i>époxyde d'humulène 11</i>
0.10	<i>inconnu</i>
0.23	<i>eudesm-4-én-7alpha-ol</i>
0.36	<i>1,10-diepi-cubénol</i>

0.61	<i>guaia-6,10(14)-dién-4beta-ol</i>
0.15	<i>tau-cadinol</i>
0.06	<i>inconnu</i>
2.96	<i>inconnu</i>
0.03	<i>oxyde B d'alpha-bisabolol, épimère 1</i>
0.66	<i>alpha-bisabolol</i>
6.46	<i>germacrone</i>
0.13	<i>acromadendrane-4,10-diol</i>
0.33	<i>inconnu</i>
0.13	<i>2alpha-hydroxy-armopha-4,7(11)-diène</i>
0.07	<i>dimère d'alpha-phellandrène 11</i>
0.04	<i>méta-camphorène</i>
0.01	<i>phytol</i>