

CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION		COMPANY IDENTIFICATION	
PRODUCT NAME:	Balsam Poplar	COMPANY:	ZAYAT AROMA INC.
BOTANICAL NAME:	Populus balsamifera	ADDRESS:	1339 SHEFFORD, BROMONT (QC) J2L 1C9, CANADA
SYNONYM(S):		TELEPHONE:	1.855.534.1671
		FAX:	1.855.553.6010
		WEB:	WWW.ZAYATAROMA.COM
		E-MAIL:	INFO@ZAYATAROMA.COM
INCI NAME:	N/A		
CAS TSCA:	N/A	HS CODE:	3301.29
CAS EINECS:	N/A	EINECS:	N/A
FEMA:	N/A	COE:	N/A
COUNTRY OF ORIGIN:	Canada	FDA CODE:	N/A
PRODUCTION TYPE:	Organic		
PRODUCTION METHOD:	Steam distilled		
PART DISTILLED:	Buds		
LOT NUMBER:	EAB738228CA47920A		
PRODUCTION DATE:	06/2020		
EXPIRATION DATE:	06/2022		

PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Transparent liquid</i>	<i>Complies</i>
ODOR	<i>Sweet and resinous aromas</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol and oils. Insoluble in water.</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.87 - 0.94</i>	<i>0.918</i>
OPTICAL ROTATION:	<i>N/A</i>	<i>NA</i>
REFRACTIVE INDEX:	<i>1.48 - 1.51</i>	<i>1.49</i>
PEROXYDE VALUE:	<i><= 15 mEq O2/KG</i>	<i>N/A</i>

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Balsam Poplar
Populus balsamifera

LOT: CA47920A

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% TOTAL: 95.84	COMPONENTS
tr	isovaléral
tr	2-methylbutyral
tr	toluène
0.02	isovalérate de méthyle
0.01	acide isovalérique
0.10	styrène
0.44	alpha-pinène
0.02	acide angélique
0.03	alpha-fenchène
0.02	benzaldéhyde
0.05	beta-pinène
0.14	2-octanone
0.02	phénol
0.04	delta3-carène
0.19	alpha-terpinène
0.07	para-cymène
3.40	limonène
0.06	alcool benzylique
0.04	salicyaldéhyde
tr	(Z)- beta-ocimène
tr	(E)-beta-ocimène
0.45	gamma-terpinène
0.09	para-cyménène
0.12	linalol
0.02	hotriénol
0.01	cétone limona
0.05	3-méthylindène
0.09	acétate de benzyle
0.35	terpinén-4-ol
0.68	alpha-terpineol
0.03	safranal
0.07	beta-cyclocitral
tr	coumarane
0.11	benzylacétone
0.01	inconnu
0.08	cogéijerène
0.01	8-méthylnonanoate de méthyle
0.01	4-vinylguaiacol
0.01	alcool (E)-cinnamique
0.04	inconnu
0.10	african-1-ène
0.02	inconnu
0.04	cyclosativène 11
0.94	alpha-ylangène
0.57	alpha-copaène
0.10	inconnu
0.01	7-épi-sesquithujène
0.16	inconnu
0.06	inconnu
0.46	alpha-cédrène
0.19	acora-3,7(14)-diène
0.80	beta-caryophyllène
0.16	beta-cédrène
0.07	beta-gurjunène
3.23	trans-alpha-bergamotène
0.86	cadina-4,11-diène
0.66	alpha-humulène
0.79	muurola-4,11-diène

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3.92	<i>beta-santalène</i>
0.21	<i>10-épi-beta-acoradiène</i>
0.85	<i>trans-cadina-1(6),4-diène</i>
1.31	<i>gamma-muuroène</i>
4.64	<i>alpha-amorphène</i>
2.27	<i>cis-4,10-époxyamorphane</i>
1.33	<i>beta-sélinène</i>
0.57	<i>delta-sélinène</i>
1.82	<i>inconnu</i>
3.17	<i>épizonarène</i>
3.92	<i>delta-amorphène</i>
2.78	<i>beta-bisabolène</i>
4.92	<i>(Z)-gamma-bisabolène</i>
6.38	<i>delta-cadinène</i>
1.94	<i>trans-cadina-1,4-diène</i>
1.68	<i>alpha-calacorène</i>
0.77	<i>(E)-alpha-bisabolène</i>
0.25	<i>eudesma-5,7(11)-diène</i>
6.11	<i>(E)-nérolidol</i>
0.09	<i>gleenol</i>
0.28	<i>inconnu</i>
0.54	<i>fokiénol</i>
0.16	<i>inconnu</i>
0.42	<i>inconnu</i>
0.32	<i>inconnu</i>
1.61	<i>alpha-acorénol</i>
1.07	<i>cubénol</i>
0.98	<i>beta-eudesmol</i>
0.99	<i>7-épi-alpha-eudesmol</i>
0.74	<i>alpha-cadinol</i>
0.17	<i>inconnu</i>
0.80	<i>beta-bisabolol</i>
22.02	<i>alpha-bisabolol</i>
0.13	<i>camphre genévrier</i>
0.10	<i>(2E,6E)-Farnésol</i>
0.02	<i>benzoate de benzyle</i>
0.01	<i>tiglate de (E)-cinnamyle</i>
0.01	<i>salicylate de benzyle</i>
0.02	<i>(E)-cinnamate de benzyle</i>
0.03	<i>heneicosane</i>
0.03	<i>docosane</i>
0.17	<i>tricosane</i>
0.02	<i>(E)-cinnamate de (E)-cinnamyle</i>
0.02	<i>tétracosane</i>
0.09	<i>pentacosane</i>
0.06	<i>heptacosane</i>