

Client



Source



Pine (*Pinus sylvestris*)  
NF-PINE-19-B

Sample

Pine (*Pinus sylvestris*)  
Batch #:..... NF-PINE-19-B  
Type:..... Essential Oil  
CAS Number:... 8023-99-2  
Nature's Fusions

Client



Website

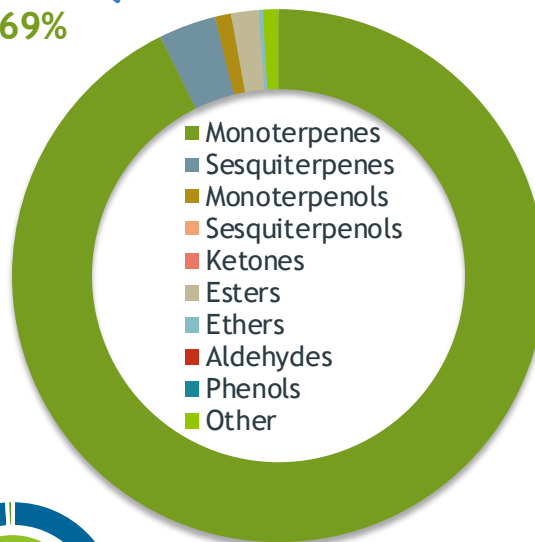


Primary

**35.92%** | alpha-Pinene  
**21.51%** | beta-Pinene  
**15.51%** | delta-3-Carene

Monoterpenes

92.69%



Percentage Identified

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine essential oil of Pine (*Pinus sylvestris*)

Internal Number: | EVS-2882



Essential Validation Services

747 SW 2nd Ave IMB 12 Suite 306  
Gainesville, FL 32601

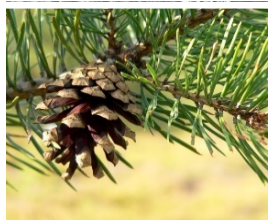
317.361.5044 |  
<https://essentialvalidationservices.com/>  
adam@essentialvalidationservices.com

Monoterpenes	92.69%	92.69%
Sesquiterpenes		3.47%
Monoterpenols		0.98%
Sesquiterpenols		0.00%
Ketones		0.00%
Esters		1.67%
Ethers		0.25%
Aldehydes		0.00%
Phenols		0.00%
Other		0.94%

Client


**Nature's FUSIONS**  
 ESSENTIAL OILS

Source


*Pine (Pinus sylvestris)*  
 NF-PINE-19-B

Total Percentage		99.10%			
Number	RT	Area %	Compound Name	RI	Chemical Family
1	10.87	0.04%	Santene	884.00	Normonoterpene
2	12.37	0.09%	Tricyclene	923.00	Monoterpene
3	12.61	0.02%	alpha-Thujene	927.80	Monoterpene
4	12.94	35.92%	alpha-Pinene	936.10	Monoterpene
5	13.49	1.22%	Camphene	950.30	Monoterpene
6	13.74	0.02%	Thuja-2,4(10)-diene	953.00	Monoterpene
7	14.43	0.03%	Sabinene	973.00	Monoterpene
8	14.71	21.51%	beta-Pinene	974.00	Monoterpene
9	15.28	3.70%	Myrcene	989.20	Monoterpene
10	15.83	0.34%	alpha-Phellandrene	1002.00	Monoterpene
11	16.12	15.51%	delta-3-Carene	1008.00	Monoterpene
12	16.35	1.28%	alpha-Terpinene	1014.00	Monoterpene
13	16.68	1.78%	para-Cymene	1024.30	Monoterpene
14	16.88	10.63%	Limonene	1029.50	Monoterpene
15	16.89	Co-Eluting	1,8-Cineole	1031.80	Monoterpene Ether
16	18.11	0.05%	gamma-Terpinene	1054.00	Monoterpene
17	19.32	0.57%	Terpinolene	1092.10	Monoterpene
18	19.75	0.02%	alpha-Pinene epoxide	1107.10	Monoterpene
19	20.35	0.04%	beta-Fenchol	1114.50	Monoterpenol
20	21.35	0.06%	alpha-Pinocarveol	1143.75	Monoterpenol
21	21.56	0.10%	trans-Verbenol	1149.00	Monoterpenol
22	22.39	0.09%	Borneol	1168.71	Monoterpenol
23	22.80	0.05%	Terpinen-4-ol	1180.57	Monoterpenol
24	23.06	0.03%	para-Cymen-8-ol	1185.25	Monoterpenol
25	23.29	0.54%	alpha-Terpineol	1191.71	Monoterpenol
26	23.54	0.07%	Myrtenol	1198.00	Monoterpenol
27	26.73	1.67%	Bornyl acetate	1288.29	Monoterpene Ester
28	29.07	0.08%	alpha-Longipinene	1357.90	Sesquiterpene
29	29.87	0.13%	alpha-Copaene	1379.00	Sesquiterpene
30	30.95	0.75%	Longifolene	1403.83	Sesquiterpene
31	31.35	2.06%	beta-Caryophyllene	1427.14	Sesquiterpene
32	32.43	0.26%	alpha-Humulene	1461.43	Sesquiterpene
33	34.49	0.19%	delta-Cadinene	1524.14	Sesquiterpene
34	36.39	0.25%	Caryophyllene oxide	1594.86	Sesquiterpene Ether

 ESSENTIAL VALIDATION SERVICES | 747 SW 2<sup>ND</sup> AVE GAINESVILLE, FLORIDA 32601 | 317-361-5044

