



Healing Body, Mind, and Spirit  
with Pure Essential Oils Since 1995

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**Certificate of Analysis:** Vitex (Chasteberry) Leaf and Berry, *Vitex agnus castus*, ethically cultivated, steam-distilled leaves and berries, Croatia.

Batch No: CR-23915  
Analyzed: 11/28/2015

### Peak Report TIC

R.Time	Name	Area%
11.345	2-Methylbutyl acetate	0.02
14.070	Thujene <alpha->	0.36
14.552	Pinene <alpha->	6.59
15.521	Camphene	0.04
16.949	Sabinene	32.52
17.241	Pinene <beta->	4.92
17.797	Myrcene	1.41
18.972	Phellandrene <alpha->	0.22
19.665	Terpinene <alpha->	0.38
20.177	Cymene <para->	0.31
20.515	Limonene	1.57
20.647	Phellandrene <beta>	0.66
20.792	Eucalyptol	24.02
21.568	Ocimene <E-beta>	0.22
22.436	Terpinene <gamma>	0.64
23.271	Sabinene hydrate <cis>	0.18
24.322	Terpinolene	0.17
25.253	Linalool	0.09
25.411	Sabinene hydrate <trans->	0.11
27.072	Menth-2-en-1-ol <trans-, para->	0.04
28.283	Pinocarveol <trans>	0.07
30.313	Terpineol isomer	0.17
31.073	Terpinen-4-ol	1.97
32.064	Terpineol <alpha->	0.78
34.136	Citronellol	0.04
38.513	Thymol	0.32
41.455	Elemene <delta>	0.08
41.845	2-Hydroxycineole acetate <exo>	0.08
42.386	Terpinyl acetate <alpha->	4.93
44.394	Copaene <alpha>	2.83
45.144	Cubebene <beta>	0.18
45.255	Elemene <beta>	0.05
46.436	Gurjunene <alpha>	0.39
47.269	Caryophyllene <trans>	3.50
48.005	Bergamotene <trans-alpha>	0.07
48.479	Farnesene <Z-beta>	0.18
49.192	Farnesene <E-beta>	4.02
49.513	Humulene <alpha>	0.31

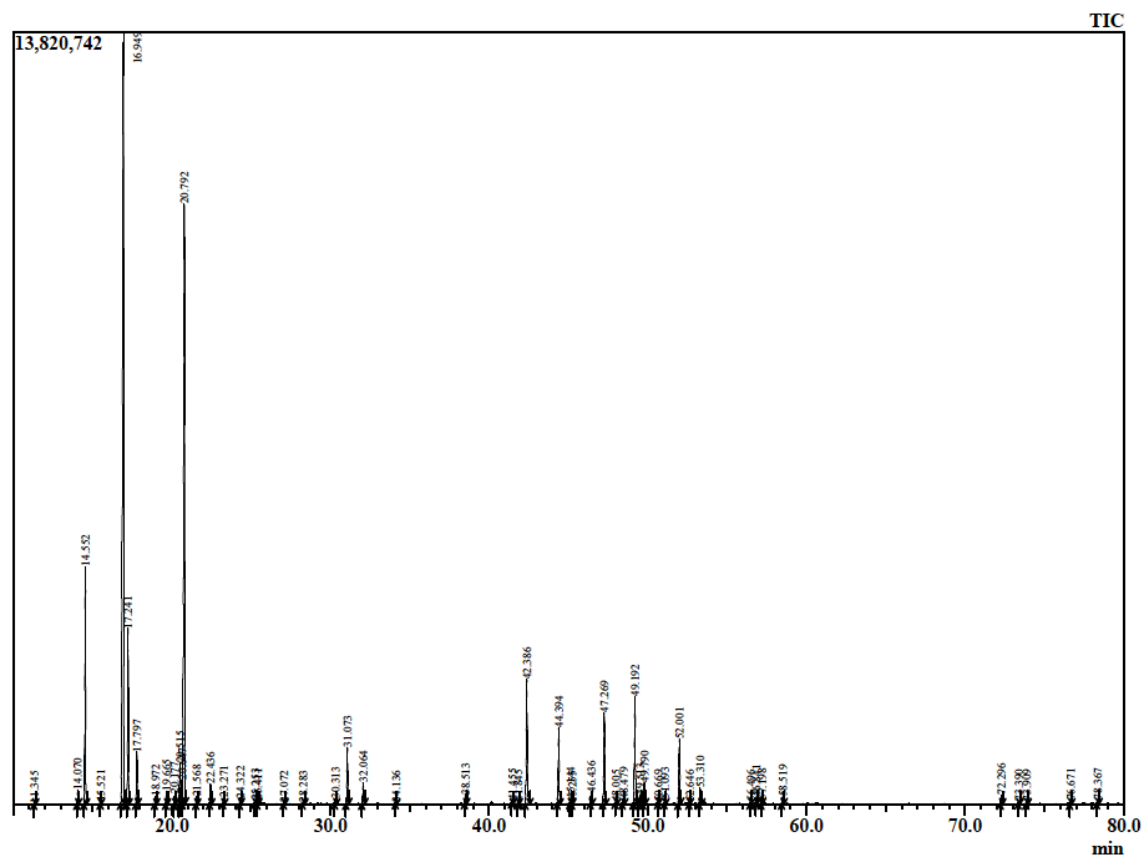
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R.Time	Name	Area%
49.790	Alloaromadendrene	0.80
50.669	Cadinene <gamma->	0.06
51.093	Germacrene D	0.16
52.001	Bicyclogermacrene	2.38
52.646	Bisabolene <beta->	0.06
53.310	Cadinene <delta->	0.58
56.496	Palustrol	0.08
56.841	Spathulenol	0.22
57.198	Caryophyllene oxide	0.13
58.519	Ledol	0.26
72.296	Iraldiene <delta>	0.33
73.390	Manoyl oxide	0.11
73.909	Thujopsene-13	0.11
76.671	Unknown Vitex sesquiterpenol	0.13
78.367	Unknown Vitex ester	0.15
		100.00



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