



Sample:



Client: | Inshanti
 Sample: | Chamomile, Roman
 Latin Name: | Anthemis nobilis
 Batch #: | EO18-0136
 CAS Number: | 8015-92-7
 Type: | Essential Oil

Laboratory:



Essential Validation Services
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 317-361-5044

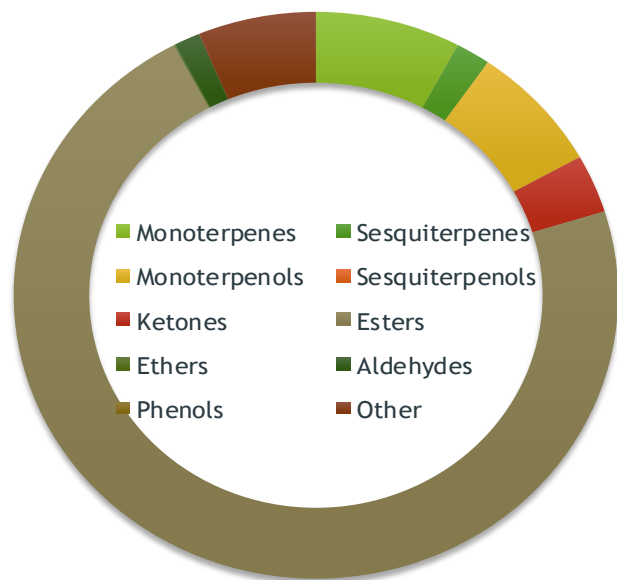
Top 5 Compounds:

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine essential oil of Chamomile, Roman (Anthemis nobilis).

Conclusion:



Compounds	%
3-Methylamyl angelate	20.79%
Methallyl angelate	10.83%
Isobutyl angelate	9.91%
Isoamyl angelate	9.10%
2-Methylbutyl angelate	7.14%



Chemical Families	
Monoterpenes	Sesquiterpenes
7.79%	1.85%
Monoterpenols	Sesquiterpenols
7.26%	0.00%
Ketones	Esters
3.32%	71.98%
Ethers	Aldehydes
0.09%	1.39%
Phenols	Other
0.00%	6.32%

X

Adam Christensen

Adam Christensen
CEO

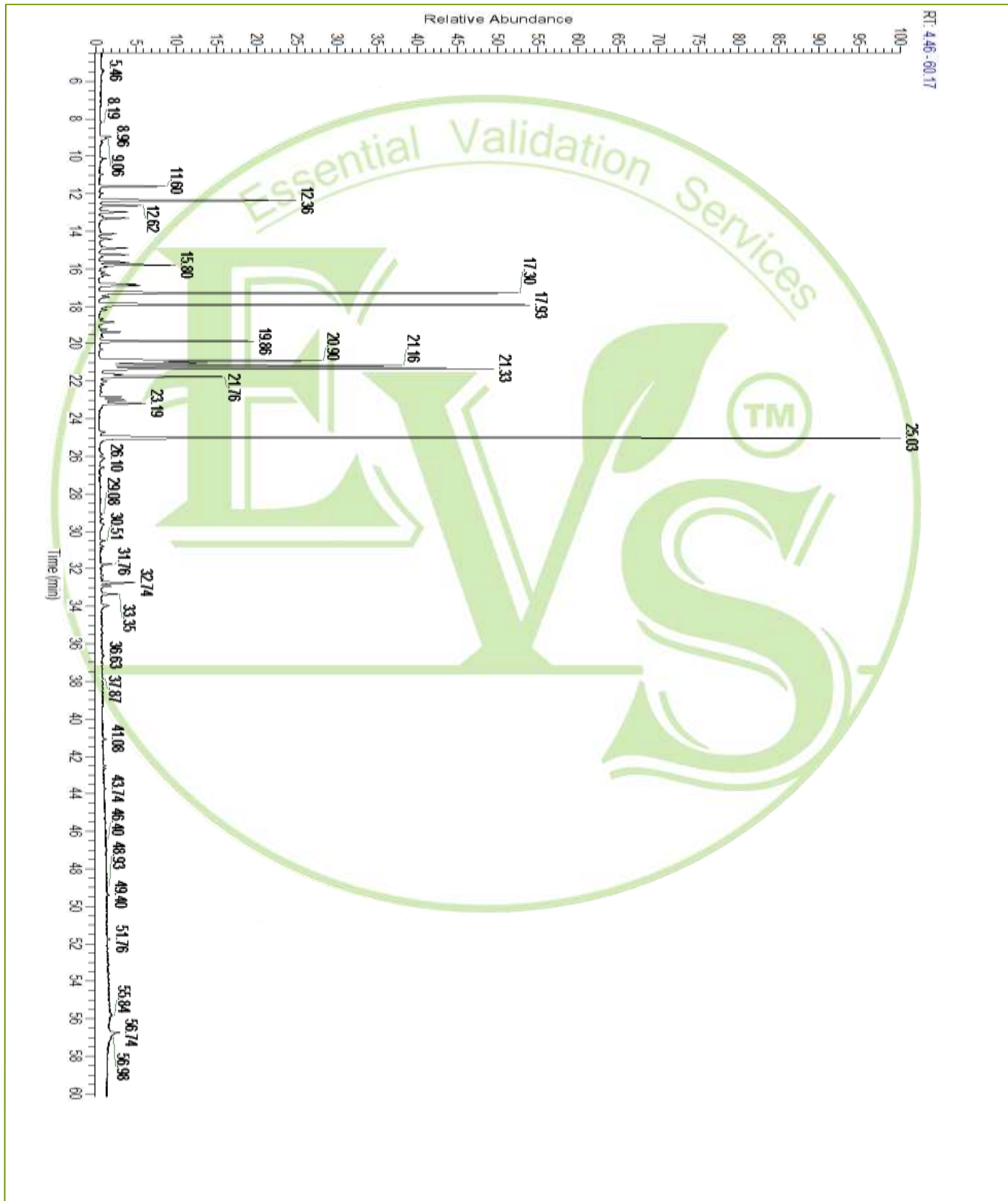




Total Percentage		94.03%			
Number	RT	Area %	Compound Name	RI	Chemical Family
1	9.30	0.05%	Propyl isobutyrate	847.00	Aliphatic Ester
2	10.11	0.12%	Isoamyl acetate	869.00	Aliphatic Ester
3	11.60	1.37%	Isobutyl isobutyrate	908.00	Aliphatic Ester
4	12.36	5.07%	alpha-Pinene	936.10	Monoterpene
5	12.62	0.90%	Isobutyl methacrylate	939.00	Aliphatic Ester
6	12.96	0.64%	Camphene	950.30	Monoterpene
7	13.21	0.07%	Thuja-2,4(10)-diene	953.00	Monoterpene
8	13.31	0.73%	Isobutyl butyrate	954.00	Aliphatic Ester
9	14.15	0.37%	beta-Pinene	974.00	Monoterpene
10	14.41	0.30%	1-Octen-3-ol	980.00	Aliphatic Alcohol
11	14.79	0.05%	2-Pentylfuran	984.00	Furan
12	15.24	0.66%	Isobutyl 2-methylbutyrate	991.50	Aliphatic Ester
13	15.65	0.62%	Isoamyl isobutyrate	1007.00	Aliphatic Ester
14	15.80	1.68%	2-Methylbutyl isobutyrate	1013.00	Aliphatic Ester
15	16.17	0.17%	para-Cymene	1024.30	Monoterpene
16	16.34	0.27%	Limonene	1029.50	Monoterpene
17	16.42	0.09%	1,8-Cineole	1031.80	Monoterpene Ether
18	16.89	0.92%	(E)-beta-Ocimene	1047.70	Monoterpene
19	17.30	9.91%	Isobutyl angelate	1053.75	Aliphatic Ester
20	17.53	0.28%	gamma-Terpinene	1054.00	Monoterpene
21	17.93	10.83%	Methallyl angelate	1065.50	Aliphatic Ester
22	18.85	0.47%	Butyl angelate	1092.00	Aliphatic Ester
23	19.22	0.16%	Linalool	1099.00	Monoterpenol
24	19.37	0.54%	2-Methylbutyl 2-methylbutyrate	1102.10	Aliphatic Ester
25	19.86	3.55%	3-Methylamyl isobutyrate	1115.00	Aliphatic Ester
26	20.31	0.06%	alpha-Campholene aldehyde	1125.29	Monoterpene Aldehyde
27	20.90	6.13%	trans-Pinocarveol	1143.75	Monoterpenol
28	21.01	2.69%	Isoamyl tiglate	1152.50	Aliphatic Ester
29	21.16	7.14%	2-Methylbutyl angelate	1152.75	Aliphatic Ester
30	21.33	9.10%	Isoamyl angelate	1154.75	Aliphatic Ester
31	21.76	3.32%	Pinocarvone	1161.43	Monoterpene Ketone
32	22.00	0.21%	Borneol	1168.71	Monoterpenol
33	22.84	0.58%	Prenyl angelate	1189.00	Aliphatic Ester
34	23.01	0.76%	Myrtenol	1198.00	Monoterpenol
35	23.19	1.33%	Myrtenal	1200.43	Monoterpene Aldehyde
36	24.71	0.17%	3-Methylamyl valerate	1198.30	Aliphatic Ester
37	25.03	20.79%	3-Methylamyl angelate	1255.00	Aliphatic Ester
38	25.91	0.08%	(Z)-3-Hexenyl angelate	1280.00	Aliphatic Ester
39	29.34	0.04%	alpha-Copaene	1379.00	Sesquiterpene
40	30.80	0.07%	beta-Caryophyllene	1427.14	Sesquiterpene



Chamomile, Roman (Anthemis nobilis)



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