



Helichrysum Serotinum (Helichrysum Italicum)

Sample:



Client: | Nature's Gift
 Sample: | Helichrysum Serotinum
 Latin Name: | Helichrysum Italicum
 Batch #: | FR-58798
 CAS Number: | 90045-56-0
 Type: | Essential Oil

Laboratory:



Essential Validation Services

<https://essentialvalidationservices.com/>
adam@essentialvalidationservices.com
 747 SW 2nd Ave, Suite 306 IMB 12
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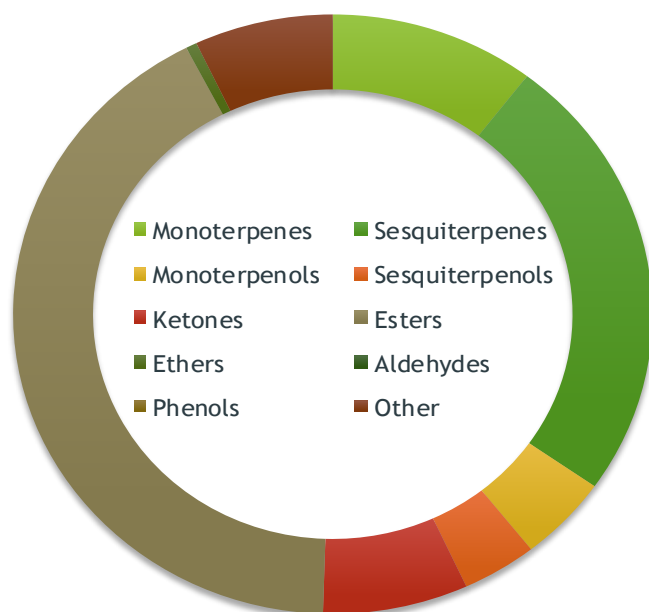
Top 5 Compounds:

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine essential oil of Helichrysum Serotinum (Helichrysum Italicum).

Conclusion:



Compounds	%
Neryl acetate	35.81%
gamma-Curcumene	17.38%
Neryl propionate	5.26%
Limonene	4.76%
Italidione I	3.89%



Chemical Families	
Monoterpenes	Sesquiterpenes
10.40%	24.33%
Monoterpenols	Sesquiterpenols
4.62%	3.79%
Ketones	Esters
7.35%	41.93%
Ethers	Aldehydes
0.56%	0.00%
Phenols	Other
0.00%	7.02%

X

Adam Christensen

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CEO





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Total Percentage		92.98%			
Number	RT	Area %	Compound Name	RI	Chemical Family
1	11.66	0.03%	Bornylene	902.50	Monoterpene
2	12.87	2.11%	alpha-Pinene	936.10	Monoterpene
3	13.42	0.54%	alpha-Fenchene	946.00	Monoterpene
4	14.68	0.66%	beta-Pinene	974.00	Monoterpene
5	15.34	0.10%	trans-Dehydroxylinalool oxide	990.50	Monoterpene Ether
6	15.76	0.01%	Isobutyl 2-methylbutyrate	991.50	Aliphatic Ester
7	15.85	0.02%	alpha-Phellandrene	1002.00	Monoterpene
8	16.36	0.21%	alpha-Terpinene	1014.00	Monoterpene
9	16.69	0.27%	para-Cymene	1024.30	Monoterpene
10	16.88	4.76%	Limonene	1029.50	Monoterpene
11	16.97	0.46%	1,8-Cineole	1031.80	Monoterpene Ether
12	17.03	0.05%	(Z)-beta-Ocimene	1037.80	Monoterpene
13	17.67	0.12%	(E)-beta-Ocimene	1047.70	Monoterpene
14	17.78	0.10%	Isobutyl angelate	1053.75	Aliphatic Ester
15	18.12	0.70%	gamma-Terpinene	1054.00	Monoterpene
16	19.34	0.23%	Terpinolene	1092.10	Monoterpene
17	19.77	1.10%	Linalool	1099.00	Monoterpenol
18	19.91	0.15%	2-Methylbutyl 2-methylbutyrate	1102.10	Aliphatic Ester
19	21.83	0.44%	2-Methylbutyl angelate	1152.75	Aliphatic Ester
20	21.91	0.16%	Isoamyl angelate	1154.75	Aliphatic Ester
21	22.87	0.52%	Terpinen-4-ol	1180.57	Monoterpenol
22	23.14	0.55%	4,6-Dimethyl-3,5- octanedione	1186.00	beta-Diketone
23	23.37	0.47%	alpha-Terpineol	1191.71	Monoterpenol
24	24.70	2.53%	Nerol	1230.67	Monoterpenol
25	26.98	0.08%	2-Undecanone	1288.35	Aliphatic Ketone
26	29.47	35.81%	Neryl acetate	1362.90	Monoterpene Ester
27	30.05	0.76%	Isoitalicene	1396.60	Sesquiterpene
28	30.98	2.98%	Italicene	1401.10	Sesquiterpene
29	31.22	0.34%	cis-alpha-Bergamotene	1411.50	Sesquiterpene
30	31.97	3.89%	Italidione I	1444.50	beta-Diketone
31	32.29	5.26%	Neryl propionate	1448.50	Monoterpene Ester
32	32.42	0.20%	alpha-Humulene	1461.43	Sesquiterpene
33	32.90	0.23%	allo-Aromadendrene	1471.00	Sesquiterpene
34	32.98	0.26%	beta-Acoradiene	1475.00	Sesquiterpene
35	33.28	17.38%	gamma-Curcumene	1476.00	Sesquiterpene
36	33.50	2.01%	ar-Curcumene	1480.50	Sesquiterpene
37	33.51	Co-Eluting	Italidione II	1481.50	beta-Diketone
38	34.22	0.70%	beta-Curcumene	1512.00	Monoterpene
39	34.50	0.06%	Italidione II isomer	1521.10	beta-Diketone
40	34.61	0.04%	delta-Cadinene	1524.14	Sesquiterpene



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