

Manufacturer: Lecheq Farm and Distillery LLC

Customer:

Product Name	Wormwood Oil
INCI Name	Artemisia absinthium Oil
CAS no	8008-93-3
EINECS no	284-503-2
Manufacturing	Steam distilled
Batch no	

Characteristics

Appearance	Clear, Liquid
Odour	Characteristic

Analytical Details

	Result	Unit	Method
Density at 20 ⁰ C	0,898	g/cm ³	Inhouse Method
Refractive Index at 20 ⁰ C	0,918	-	Refraktometric

Solubility

Soluble in alcohol

Storageclosed containers, protected from light, 20-25⁰ C**Best Before**

24 months

Date of Manufacture

2021

Others

Contains GMO in accordance to regulation (EC) 1829/2003 and is labelled in accordance to Regulation (EC) 1830/2000

No

Not tested on animals

Yes

GCMS Composition

Chromatographic profiling with method AMD/688/V2. Detection of substances via Gas Chromatography with Flame Ionisation Detector (FID) and quantification via normalisation procedure.

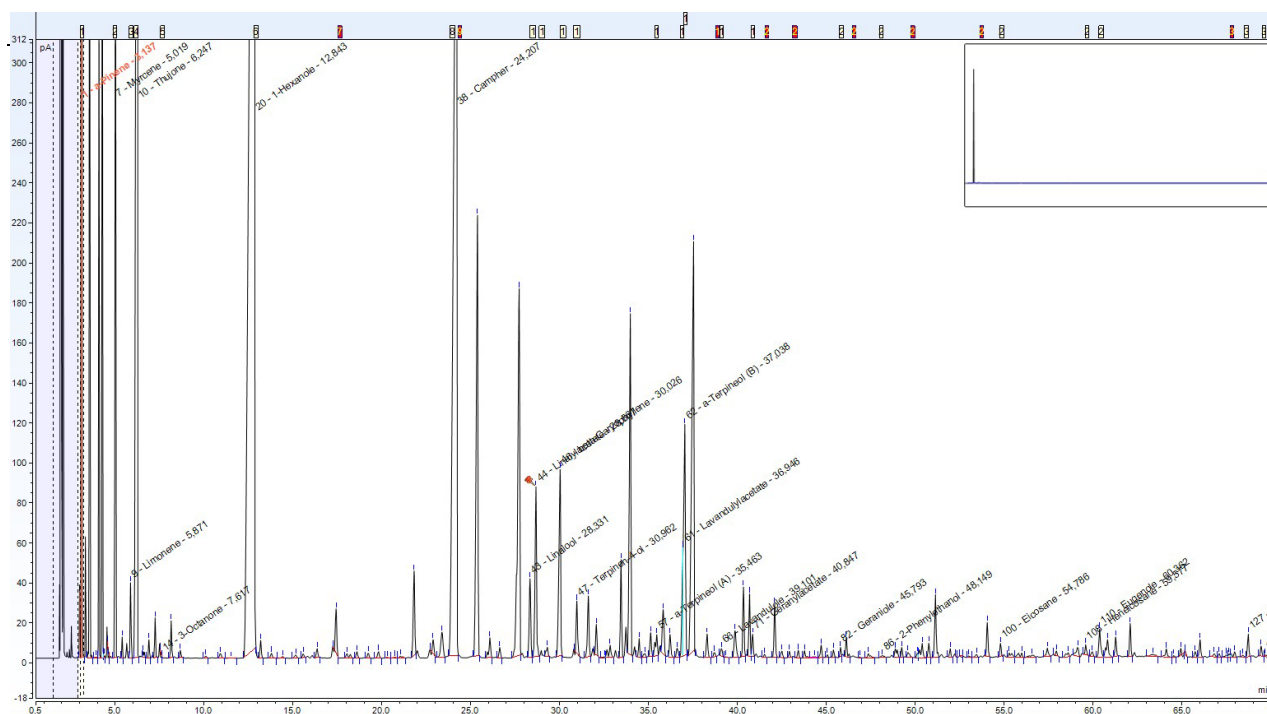
The results are shown in table 1 in the appendix. The chromatogram of the sample is shown in figure 1.

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Table 1

No.	Ret.Time min	Peak Name	Height pA	Area pA*min	Rel.Area %
1	3,137	α -Pinene	2560,701	83,663	11,04
7	5,019	Myrcene	411,388	17,860	2,36
9	5,871	Limonene	37,517	2,408	0,32
10	6,247	Thujone	995,516	83,603	11,04
14	7,617	3-Octanone	0,545	0,185	0,02
20	12,843	1-Hexanole	734,022	204,883	27,04
38	24,207	Campher	477,989	96,087	12,68
43	28,331	Linalool	39,371	3,909	0,52
44	28,667	Linalylacetate	84,971	8,276	1,09
46	30,026	beta-Caryophyllene	93,199	10,416	1,37
47	30,962	Terpinen-4-ol	26,096	2,284	0,30
57	35,463	α -Terpineol (A)	10,645	1,466	0,19
61	36,946	Lavandulylacetate	54,346	3,925	0,52
62	37,038	α -Terpineol (B)	115,477	12,725	1,68
66	39,101	Lavandulole	3,914	0,435	0,06
71	40,847	Geranylacetate	11,185	0,985	0,13
82	45,793	Geraniol	4,696	0,330	0,04
86	48,149	2-Phenylethanol	1,090	0,220	0,03
100	54,786	Eicosane	6,521	0,496	0,07
108	59,577	Heneicosane	5,096	0,467	0,06
110	60,362	Eugenole	14,079	1,695	0,22
127	68,722	Tricosane	11,494	1,002	0,13
129	69,675	Farnesol B	0,920	0,134	0,02

Figure 1



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