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**Manufacturer: Lecheq Farm and Distillery LLC****Customer:**

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Product Name	Peppermint Oil Natural
INCI Name	Peppermint Oil
CAS no	8006-90-4
EINECS no	282-015-4
Manufacturing	Steam distilled
Batch no	

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**Characteristics**

Appearance	Clear, Liquid
Odour	Characteristic

<b>Analytical Details</b>	<b>Result</b>	<b>Unit</b>	<b>Method</b>
Density at 20 <sup>0</sup> C	0,898	g/cm <sup>3</sup>	Inhouse Method
Refractive Index at 20 <sup>0</sup> C	0,918	-	Refraktometric

<b>Solubility</b>	Soluble in alcohol
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<b>Storage</b>	closed containers, protected from light, 20-25 <sup>0</sup> C
<b>Best Before</b>	24 months
<b>Date of Manufacture</b>	2021

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**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

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**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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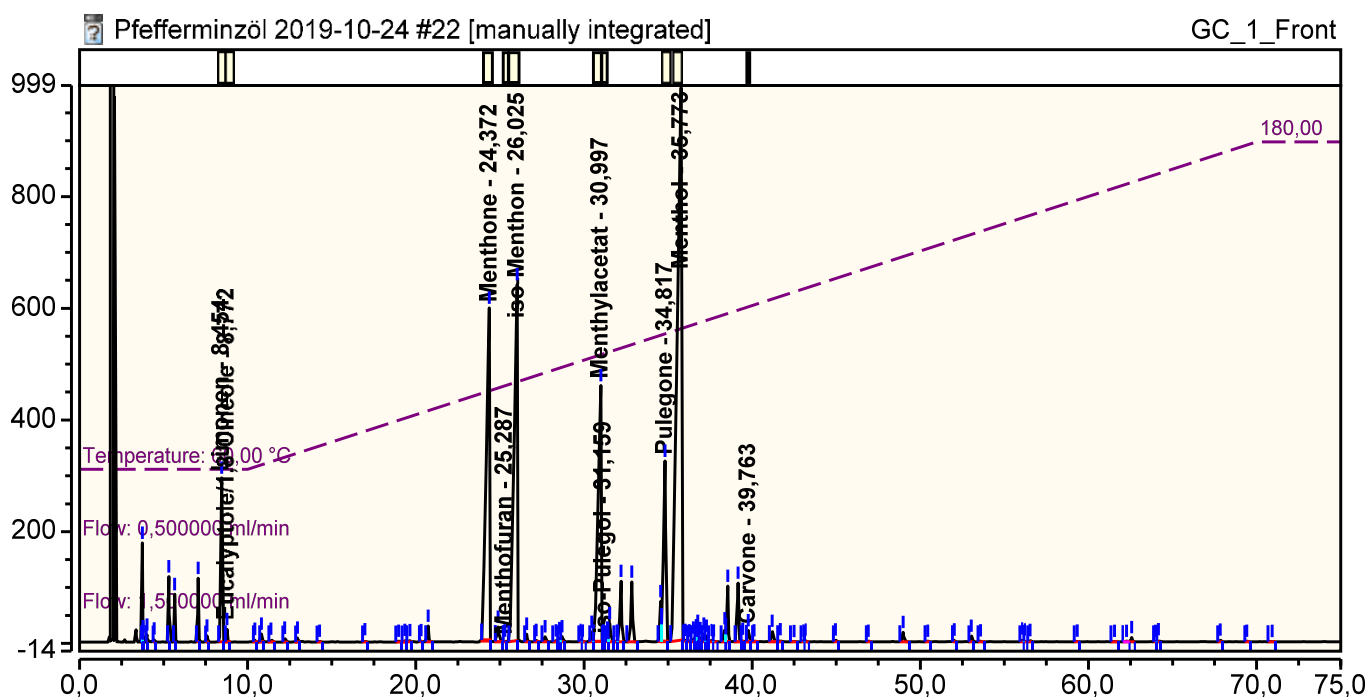
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Table 1

No.	Ret. Time	Peak Name	Height	Area	Rel. Area
	min		pA	pA*min	%
9	8,454	Limonen	293,638	23,487	2,83
10	8,772	Eucalyptole/1,8-Cineole	22,781	1,601	0,19
23	24,372	Menthone	595,813	136,022	16,41
25	25,287	Menthofuran	1,769	0,186	0,02
26	26,025	iso-Menthon	637,432	144,458	17,42
36	30,997	Menthylacetat	458,079	91,083	10,99
37	31,159	iso-Pulegol	1,195	0,084	0,01
44	34,817	Pulegone	322,778	41,826	5,04
45	35,773	Menthol	989,068	278,581	33,6
60	39,763	Carvone	19,935	1,691	0,2

Figure 1



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