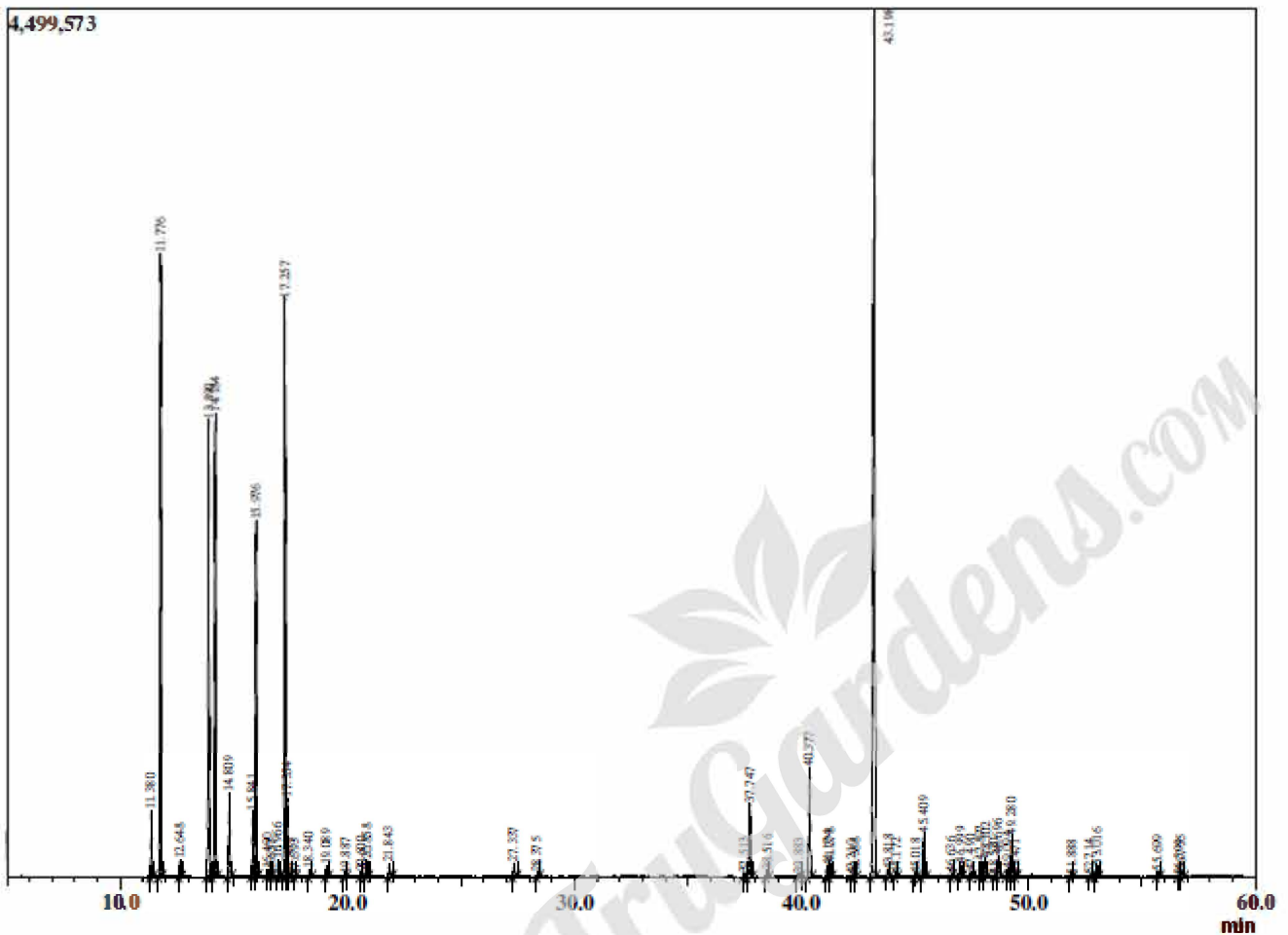


GCMS ANALYSIS

PRODUCT NAME: Pepper Black Essential Oil

DATE: July 5, 2016



Due to volume turnover, this report is not lot specific. It is representative of the quality of this oil produced by the manufacturer of this product. Specific lots may vary slightly as is the case in natural products.

Peak Report TIC

R. Time	Name	Area%
11.380	Thujene <alpha>	1.21
11.776	Pinene <alpha>	11.82
12.648	Camphene	0.31
13.890	Sabinene	9.43
14.184	Pinene <beta>	9.61
14.809	Myrcene	1.72
15.841	Phellandrene <alpha>	1.40
15.976	3-Carene	7.63
16.490	Terpinene <alpha>	0.15
16.657	Cymene <ortho>	0.01
16.966	Cymene <para>	0.36
17.257	Limonene	13.32
17.354	Phellandrene <beta>	1.66
17.451	1,8-cineole	0.04
17.693	Ocimene <Z-beta>	0.01
18.340	Ocimene <E-beta>	0.18
19.089	Terpinene <gamma>	0.24
19.887	4-Thujanol <trans>	0.07
20.600	Unidentified	0.10
20.858	Terpinolene	0.39
21.843	Linalool	0.38
27.337	Terpinen-4-ol	0.36
28.375	Terpineol <alpha>	0.08
37.513	Elemenene <delta>	0.10
37.747	Elemenene <delta>	2.05
38.516	Cubebene <alpha>	0.18
39.883	Isoledene	0.11
40.377	Copaene <alpha>	3.13
41.174	Cubebene <beta>	0.30
41.278	Elemenene <beta>	0.35
42.210	Caryophyllene <beta>	0.01
42.388	Gurjunene <alpha>	0.06
43.198	Caryophyllene <trans>	27.10
43.818	Copaene <beta>	0.17
44.172	Guaiene <alpha>	0.08
45.018	Muroloa 3,5-diene <trans>	0.06
45.409	Humulene <alpha>	1.33
46.636	Cadin-1(6)4-diene <trans>	0.04
46.999	Germacrene D	0.37
47.490	Selinene <beta>	0.13
47.897	Bicyclogermaene	0.51
48.102	Muroloene <alpha>	0.55
48.520	Furmsene <alpha>	0.04
48.696	Bitabolene <beta>	0.61
49.094	Cadinene <gamma>	0.22
49.280	Cadinene <delta>	1.19
49.471	Calanthenene <trans>	0.03
51.888	Nerolidol <trans>	0.05
52714	Spathulenol	0.03
53.016	Caryophyllene oxide	0.40
55.699	Unidentified	0.16
56.599	Cadinol <alpha>	0.02
56.755	Cadinol <delta>	0.15
		100.00

Disclaimer & Caution

Please refer to the Material Safety Data Sheet (MSDS) and all other relevant technical information specific to the product, prior to use. The user of this product is solely responsible for determining the suitability of the product for their particular use and to be in compliance with all laws and regulations applying to the use of this product. TruGardens. shall not be held responsible for any damages or for any adverse physical effects (including injury or bodily harm) caused by insufficient knowledge, wrongful application or the improper handling or use of this product. As the ordinary or otherwise use(s) of this product is outside the control of TruGardens., no representation or warranty, expressed or implied is made as to the effect(s) of such use(s) (including damage or injury), or the results obtained. The information on the TruGardens. website is obtained from current and reliable sources but makes no representation as to its comprehensiveness or accuracy. The liability of TruGardens. is limited to the value of the goods and does not include any consequential loss. TruGardens. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.