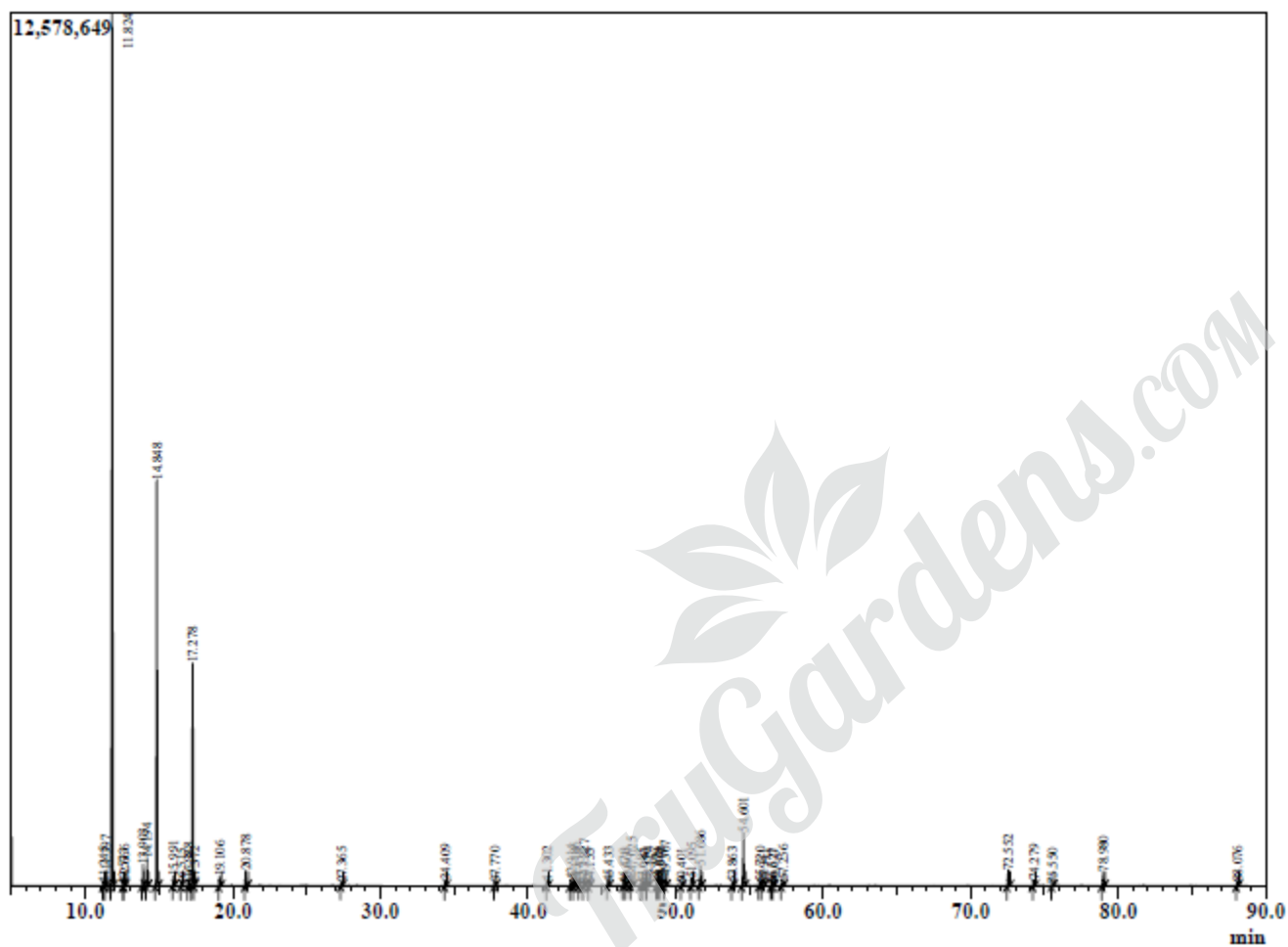


GCMS ANALYSIS

PRODUCT NAME: Juniper Berry Essential Oil (India)

DATE: May 25, 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%
11.245	Tricyclene	0.15
11.397	Thujene <alpha>	0.67
11.824	Pinene <alpha>	45.72
12.573	Fenchene <alpha>	0.06
12.666	Camphene	0.22
13.903	Sabinene	1.01
14.194	Pinene <beta>	1.29
14.848	Myrcene	20.62
15.991	3-Carene	0.48
16.515	Terpinene <alpha>	0.08
16.988	Cymene <para>	0.37
17.278	Limonene	11.85
17.372	Phellandrene <beta>	0.14
19.106	Terpinene <gamma>	0.50
20.878	Terpinolene	0.92
27.365	Terpinen-4-ol	0.17
34.409	Bornyl acetate	0.37
37.770	Elemenene <delta>	0.19
41.302	Elemenene <beta>	0.31
42.914	Cedrene <alpha>	0.46
43.186	Caryophyllene <trans>	0.59
43.458	Cedrene <beta>	0.06
43.827	Elemenene <gamma>	0.74
44.155	Thujopsene <cis>	0.11
45.433	Humulene <alpha>	0.24
46.479	Cedra-1(5),4-diene <cis>	0.07
46.660	Cedra-1(5),4-diene <trans>	0.12
47.025	Germaactene B	0.83
47.685	Munroala-4(14),5-diene <trans>	0.14
47.936	Selinene <alpha>	0.13
48.124	Munroolene <alpha>	0.20
48.779	Unidentified	0.14
48.874	Alasbene <alpha>	0.13
48.992	Cedrene <gamma>	0.25
49.307	Cadinene <delta>	0.69
50.401	Eremophilene isomer	0.10
51.095	Elenol <alpha>	0.54
51.686	Germaactene B	1.37
53.863	Globulol <epi>	0.23
54.601	Cedrol	3.82
55.720	Unidentified	0.21
55.941	Eudesmol <gamma>	0.10
56.521	Munrool <alpha> (=Torreyol)	0.09
56.627	Cadinol <alpha-isomer2>	0.10
57.256	Cubenol	0.45
72.552	Unidentified	1.10
74.279	Springene <alpha>	0.41
75.550	Unidentified	0.13
78.980	Abietadiene	1.05
88.076	Abietal <4-epi>	0.30
		<b>100.00</b>

**Disclaimer & Caution**

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