

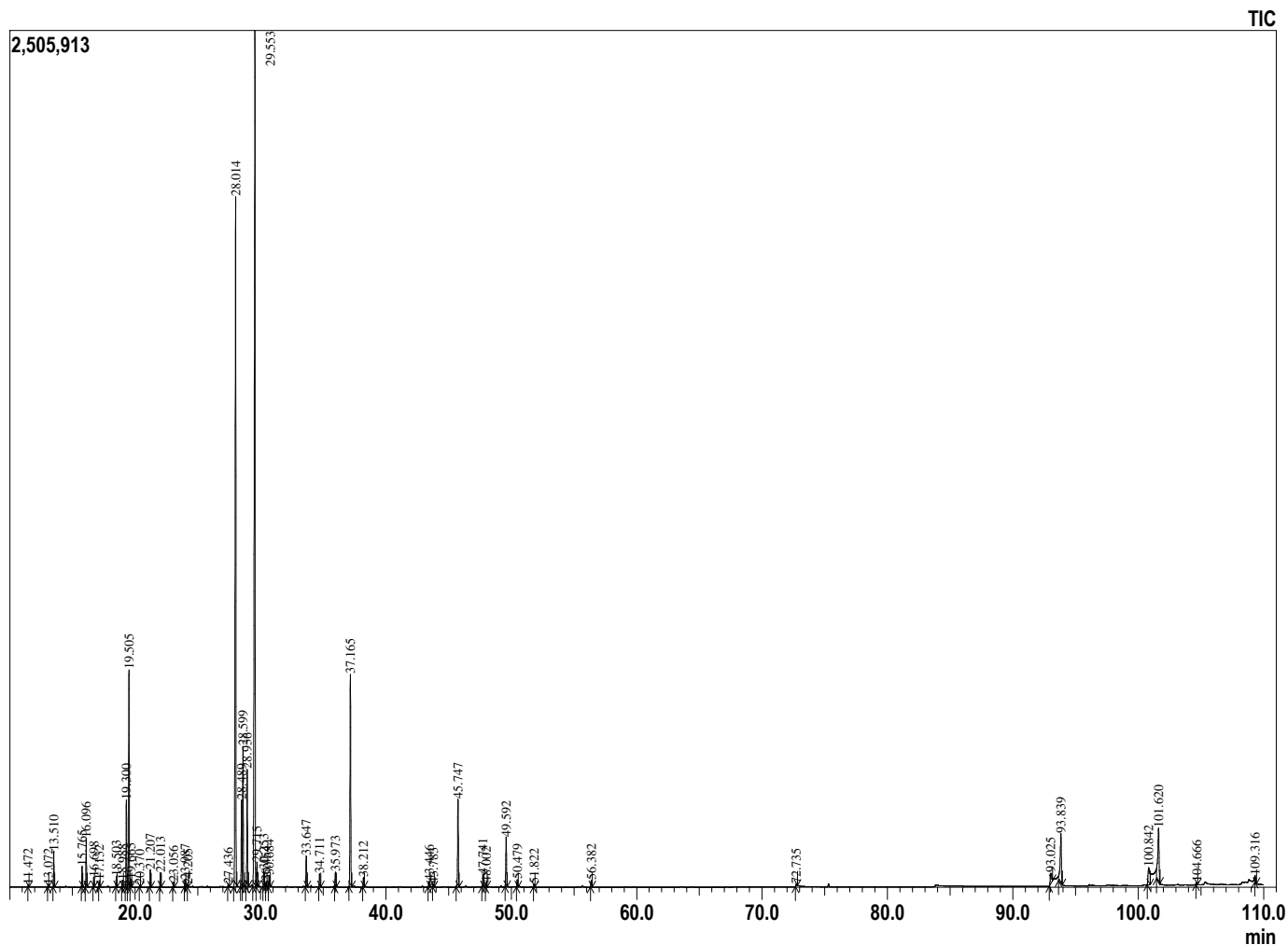
Sample Information



Analyzed by : Dr. Prabodh Satyal
Analyzed : 7/23/2019 7:18:14 PM
Sample Type : Essential Oil
Sample Name : Peppermint Roll-On
Company Name : Gurunanda
Lot# : NA
Injection Volume : 0.30

Peak Report TIC

R.Time	Name	Area%
11.472	Furan, 2,5-diethyltetrahydro-	0.04
13.072	Thujene <alpha->	0.05
13.510	Pinene <alpha->	0.76
15.765	Sabinene	0.48
16.096	Pinene <beta->	1.15
16.698	Myrcene	0.23
17.132	Octanol <3>	0.15
18.503	Terpinene <alpha->	0.26
18.988	Cymene<para->	0.17
19.300	Limonene	2.23
19.505	Cineole <1.8>	5.60
19.665	Ocimene <Z-beta>	0.21
20.370	Ocimene <E-beta>	0.05
21.207	Terpinene <gamma->	0.44
22.013	Sabinene hydrate <cis>	0.40
23.056	Terpinolene	0.13
23.987	Linalool	0.17
24.205	Methyl butyl-2-methyl butyrate<2->	0.06
27.436	Isopulegol	0.09
28.014	Menthone	22.58
28.489	Menthofuran	2.55
28.599	Isomenthone	3.91
28.936	Neomenthol	3.34
29.553	Menthol	31.03
29.715	Terpinen-4-ol	0.74
30.253	Menthol <iso>	0.51
30.454	Menthol <neoiso>	0.14
30.684	Terpineol <alpha>	0.34
33.647	Pulegone	0.92
34.711	Piperitone	0.40
35.973	Menthyl acetate <neo>	0.44
37.165	Menthyl acetate	6.50
38.212	Menthyl acetate <iso>	0.29
43.446	Bourbonene <beta>	0.20
43.783	Elemene <beta>	0.09
45.747	Caryophyllene <beta>	2.88
47.741	Farnesene<(E)-beta>	0.39
48.002	Humulene <alpha>	0.12
49.592	Germacrene D	1.55
50.479	Bicyclogermacrene	0.23
51.822	Cadinene <delta>	0.09
56.382	Viridiflorol	0.21
72.735	Heptadecenal	0.08
93.025	C8 Triglyceride	0.65
93.839	Triglyceride	2.56
100.842	C10 Triglyceride	1.21
101.620	Decanoic acid, 2-hydroxy-3-[(1-oxooctyl)oxy]propyl	3.01
104.666	Milk Thistle	0.08
109.316	C14 Triglyceride	0.30
		100.00



Comments:
 The analysis of this Peppermint Roll-On sample meets the expected chemical profile of pure and natural blend of essential oils.

Copyright © 2019 by Aromatic Plant Research Center (APRC). All rights reserved.
 The information contained in this document may not be used, published or redistributed, including online, without the prior written consent of APRC.

Reviewed by: Ambika Poudel