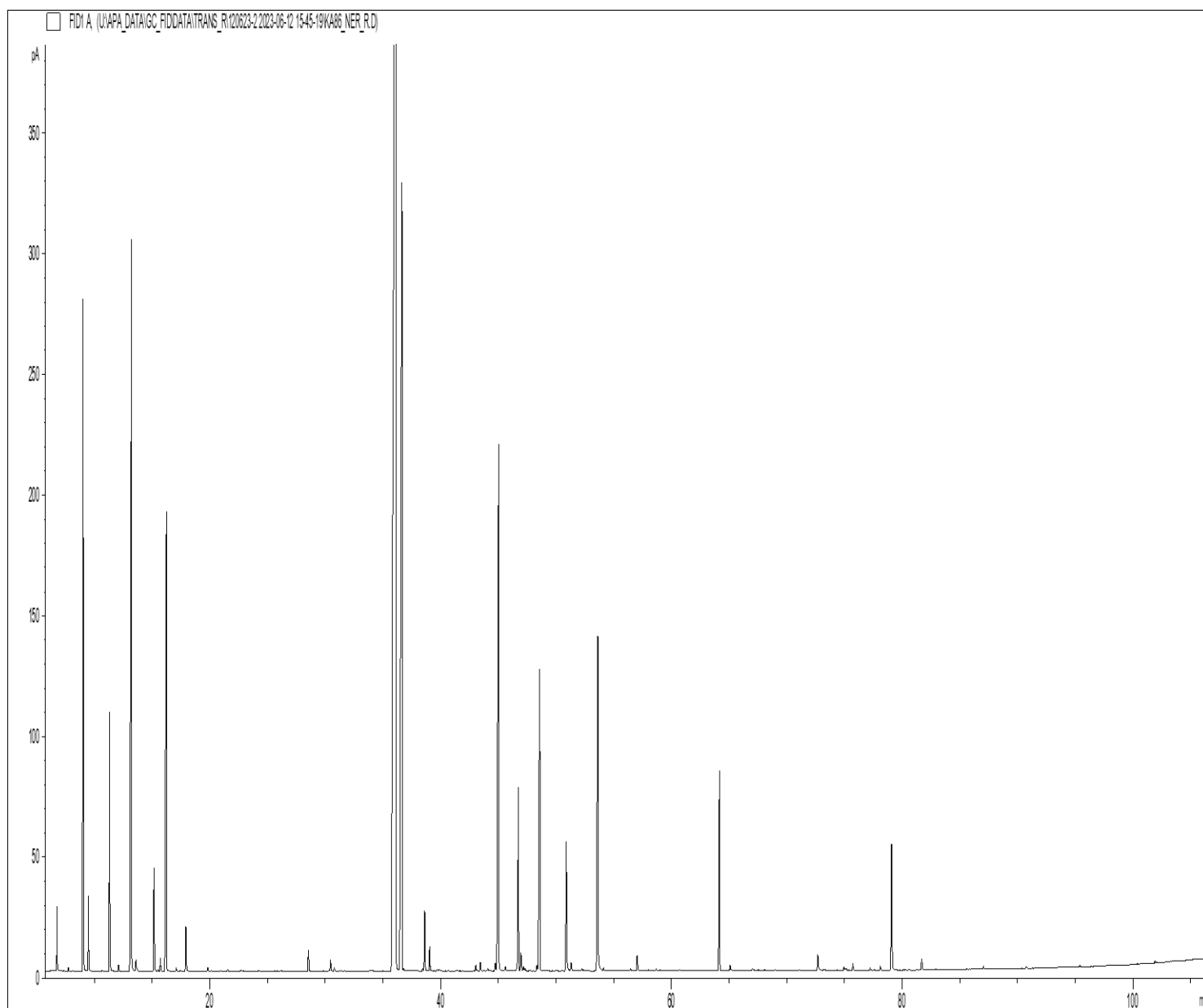


GCMS ANALYSIS

PRODUCT NAME: NEROLI (EGYPT) ESSENTIAL OIL- 11309

DATE: September 15, 2023



*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,*

GCMS ANALYSIS (cont'd.)

PRODUCT NAME: NEROLI (EGYPT) ESSENTIAL OIL- 11309

Peak	RT (min)	Component name	%
1	5,27	ETHANOL	0,04
2	6,74	<b>alpha-PINENE</b>	<b>0,32</b>
3	6,78	alpha-THUYENE	0,04
4	7,73	CAMPHENE	0,02
5	9,01	<b>beta-PINENE</b>	<b>4,61</b>
6	9,46	<b>SABINENE</b>	<b>0,52</b>
7	10,65	delta3-CARENE	0,01
8	11,31	<b>beta-MYRCENE</b>	1,91
9		alpha-PHELLANDRENE	
10	12,08	alpha-TERPINENE	0,06
11	13,19	<b>LIMONENE</b>	<b>7,96</b>
12	13,50	1,8-CINEOLE	0,01
13	13,59	beta-PHELLANDRENE	0,09
14	13,68	cis-ARBUSCULON	0,02
15	15,16	cis-beta-OCIMENE	0,81
16	15,52	trans-ARBUSCULON	0,02
17	15,70	gamma-TERPINENE	0,12
18	16,22	<b>trans-beta-OCIMENE</b>	<b>4,51</b>
19	17,08	p-CYMENE	0,03
20	17,44	HEXYL ACETATE	0,01
21	17,91	TERPINOLENE	0,39
22	19,81	1,3,7-NONATRIENE, 4,8-DIMETHYL-	0,04
23	20,93	TERPENE ISOMER	0,01
24	21,54	5-HEPTEN-2-ONE, 6-METHYL-	0,02
25	22,67	1-HEXANOL	0,03
26	24,22	ALLO-OCIMENE	0,02
27	25,57	ALIPHATIC ESTER	0,01
28	26,20	2-HEXEN-1-OL	0,01
29	28,53	LINALOOL cis-OXIDE	0,19
30	30,45	LINALOOL trans-OXIDE	0,12

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: NEROLI (EGYPT) ESSENTIAL OIL- 11309

Peak	RT (min)	Component name	%
31	30,78	delta-ELEMENE	0,04
32	31,40	OCTYL ACETATE	0,01
33	36,15	<b>LINALOOL</b>	<b>44,48</b>
34	36,65	<b>LINALYL ACETATE</b>	<b>11,06</b>
35	36,80	TERPENE ISOMER	0,03
36	37,59	BORNYL ACETATE	0,01
37	38,46	beta-ELEMENE	0,02
38	38,63	beta-CARYOPHYLLENE	0,54
39	39,06	TERPINENE-4-OL	0,24
40	39,67	HOTRIENOL	0,02
41	39,88	LINALYL PROPIONATE	0,03
42	40,70	cis-p-MENTH-2-EN-1-OL	0,01
43	43,06	alpha-HUMULENE	0,07
44	43,46	E-beta-FARNESENE	0,08
45	44,11	NERAL	0,03
46	44,75	TERPENYL ACETATE	0,08
47	45,03	<b>alpha-TERPINEOL</b>	<b>6,15</b>
48	45,62	GERMACRENE D	0,05
49	46,59	HEPTADECANE	0,02
50	46,76	<b>NERYL ACETATE</b>	<b>1,72</b>
51	46,97	BICYCLOGERMACRENE	0,19
52	47,18	GERANIAL	0,05
53	47,33	SESQUITERPENE	0,03
54	48,36	delta-CADINENE	0,06
55	48,59	<b>GERANYL ACETATE</b>	<b>3,29</b>
56	49,00	CITRONELLOL	0,01
57	50,90	<b>NEROL</b>	<b>1,38</b>
58	51,32	2-PHENYLETHYL ACETATE	0,10
59	52,25	3,5,7-OCTATRIENE-2-OL, E,E-2,6-DIMETHYL-	0,02
60	52,36	GERMACRENE B	0,02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: NEROLI (EGYPT) ESSENTIAL OIL- 11309

Peak	RT (min)	Component name	%
61	53,63	<b>GERANIOL</b>	<b>3,75</b>
62	54,14	E-GERANYL ACETONE	0,03
63	56,47	PHENYLETHYL ALCOHOL	0,03
64	57,05	PHENYLACETONITRILE	0,19
65	58,70	trans-JASMONE	0,02
66	59,04	HEXENYLIC ESTER	0,01
67	60,72	CARYOPHYLLENE OXIDE	0,02
68	63,96	HEXADECANAL	0,01
69	64,18	<b>NEROLIDOL</b>	<b>1,90</b>
70	65,10	METHYL, N-METHYL-ANTHRANILATE	0,07
71	65,72	GLOBULOL	0,01
72	66,08	VIRIDIFLOROL	0,01
73	67,05	AROMATIC COMPOUND	0,03
74	67,54	SPATHULENOL	0,02
75	68,10	PENTADECANONE, TRIMETHYL-	0,02
76	69,00	ALIPHATIC ESTER	0,02
77	69,46	MINT SULFIDE	0,01
78	71,12	AROMATIC COMPOUND	0,02
79	72,71	<b>METHYL ANTHRANILATE</b>	<b>0,20</b>
80	74,98	FARNESYL ACETATE	0,03
81	75,10	SESQUITERPENOL	0,02
82	75,18	ALIPHATIC COMPOUND	0,02
83	75,74	DITERPENE	0,07
84	77,23	FARNESOL ISOMER	0,02
85	78,12	TRICOSANE	0,04
86	79,10	<b>E,E-FARNESOL</b>	<b>1,31</b>
87	81,71	<b>INDOLE</b>	<b>0,13</b>
88	87,06	PENTACOSANE	0,03
89	90,79	PHYTOL	0,02
90	95,40	HEPTACOSANE	0,02

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: NEROLI (EGYPT) ESSENTIAL OIL- 11309

Peak	RT (min)	Component name	%
91	101,90	PALMITIC ACID	0,02
92	108,96	SQUALENE	0,01
		<b>TOTAL</b>	<b>99,91</b>

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