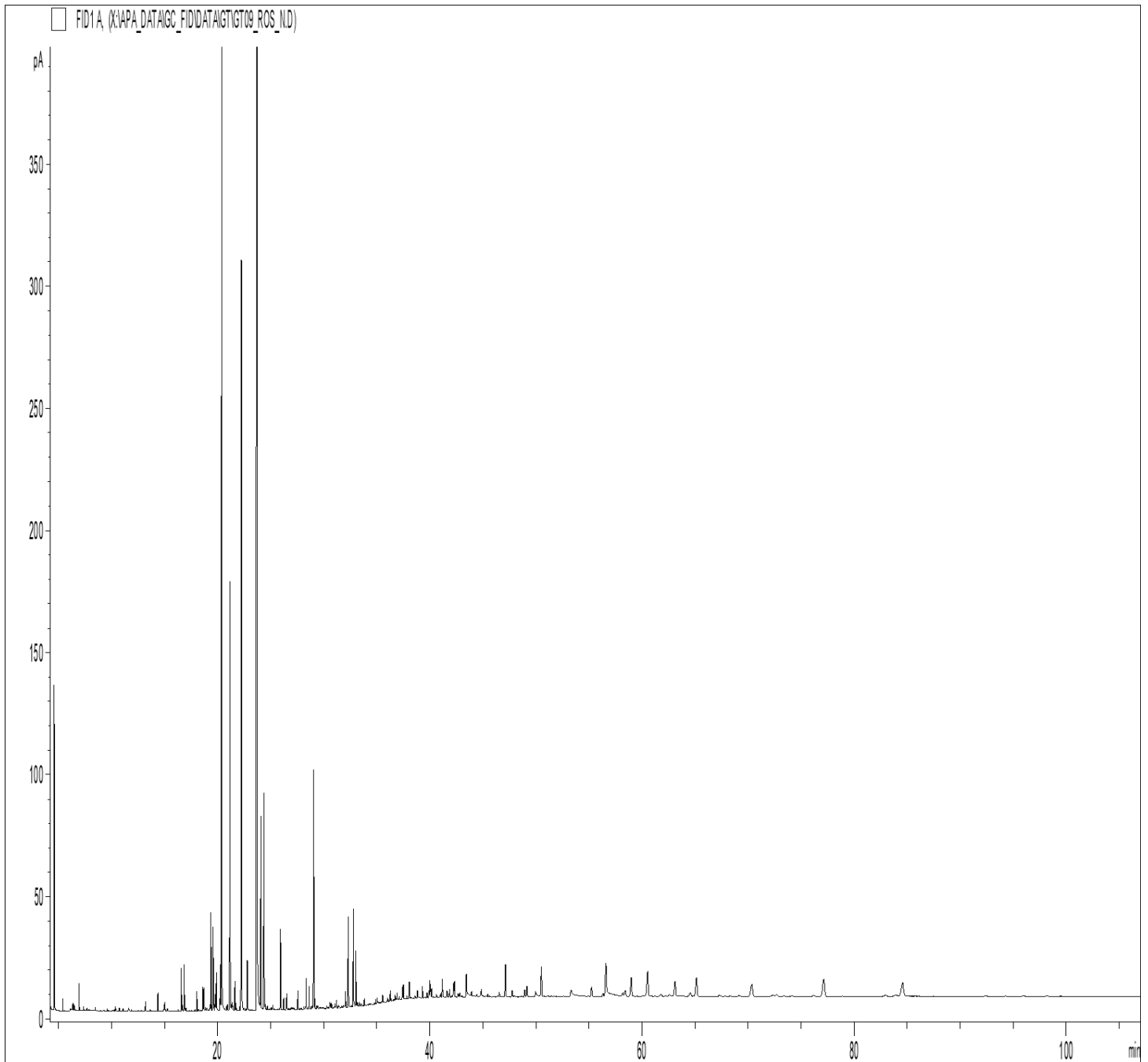


GCMS ANALYSIS

PRODUCT NAME: ROSE ABSOLUTE (BULGARIA) – 12013

DATE: March 8, 2022



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: ROSE ABSOLUTE (BULGARIA) – 12013

Peak	RT (min)	COMPONENT name	%
1	4,60	ETHANOL	1,59
2	5,42	alpha-PINENE	0,06
3	6,36	beta-PINENE	0,04
4	6,48	SABINENE	0,03
5	6,96	beta-MYRCENE	0,14
6	10,37	1-HEXANOL	0,05
7	11,62	ROSEFURANE	0,05
8	13,19	trans-THUYANOL	0,07
9	14,37	PENTADECANE	0,12
10	14,95	beta-BOURBONENE	0,06
11	15,03	LINALOL	0,06
12	16,57	alpha-GUAIENE	0,32
13	16,66	beta-CUBEBENE	0,05
14	16,85	beta-CARYOPHYLLENE	0,36
15	18,04	ACETATE DE CITRONELLYLE	0,13
16	18,60	alpha-HUMULENE	0,18
17	18,69	NERAL	0,19
18	18,86	ALIPHATIC ESTER	0,05
19	19,01	ALIPHATIC ESTER	0,04
20	19,27	SESQUITERPENE	0,05
21	19,37	HEPTADECANE	0,71
22	19,57	GERMACRENE D	0,73
23	19,60	alpha-BULNESENE	0,19
24	19,75	PENTANOIC ACID	0,14
25	19,88	GERANIAL	0,34
26	20,25	GERANYL ACETATE	0,37
27	20,38	CITRONELLOL	9,34
28	20,64	delta-CADINENE	0,04
29	20,82	ALIPHATIC KETONE	0,04
30	20,92	METHYL SALICYLATE	0,06

Disclaimer & Caution:

Please refer to all relevant technical information specific to the product, prior to use, The information contained in this document is obtained from current and reliable sources, New Directions Aromatics Inc, provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy, Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose, The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties, As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc,, 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 liability of New Directions Aromatics Inc, is limited to the value of the goods and does not include any consequential loss, New Directions Aromatics Inc, shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon, New Directions Aromatics Inc, shall not be responsible for any damages resulting from use of or reliance upon this information, In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario, Canada

GCMS ANALYSIS (cont'd.)

PRODUCT NAME: ROSE ABSOLUTE (BULGARIA) – 12013

Peak	RT (min)	COMPONENT name	%
31	21,17	NEROL	3,32
32	21,33	cis-ISOGERANIOL	0,05
33	21,38	trans-ISOGERANIOL	0,08
34	21,62	2-PHENYLETHYL ACETATE	0,21
35	21,73	OCTADECANE	0,06
36	22,24	GERANIOL	6,51
37	22,47	ALIPHATIC ESTER	0,03
38	22,80	BENZYL ALCOHOL	0,48
39	23,72	PHENYLETHYL ALCOHOL	50,79
40	24,08	NONADECANE	1,87
41	24,37	9-NONADECENE	2,16
42	24,46	NONADECENE ISOMERE	0,08
43	24,69	NONADECENE ISOMERE	0,05
44	25,05	NONADECENE ISOMERE	0,04
45	25,18	NONADECENE ISOMERE	0,05
46	25,93	METHYLEUGENOL	0,59
47	26,22	EICOSANE	0,08
48	26,51	5-EICOSENE	0,15
49	27,56	ELEMOL	0,15
50	28,14	SESQUITERPENIC EPOXIDE	0,03
51	28,35	HENEICOSANE	0,22
52	28,62	10-HENEICOSENE	0,17
53	28,87	HENEICOSENE ISOMER	0,03
54	29,06	EUGENOL	2,07
55	29,18	HENEICOSENE ISOMER	0,08
56	29,36	HENEICOSENE ISOMER	0,04
57	29,44	HENEICOSENE ISOMER	0,03
58	30,31	POGOSTOL	0,03
59	30,57	CITRONELIC ACID	0,10
60	30,74	EUDESMOL ISOMER	0,04

Disclaimer & Caution:

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources, New Directions Aromatics Inc, provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., 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 liability of New Directions Aromatics Inc, is limited to the value of the goods and does not include any consequential loss. New Directions Aromatics Inc, shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. New Directions Aromatics Inc, shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario, Canada

GCMS ANALYSIS (cont'd,)

PRODUCT NAME: ROSE ABSOLUTE (BULGARIA) – 12013

Peak	RT (min)	COMPONENT name	%
61	31,06	DOCOSENE ISOMER	0,04
62	31,21	ETHYL PALMITATE	0,08
63	32,05	FARNESOL ISOMER	0,13
64	32,30	GERANIC ACID	0,80
65	32,79	FARNESOL	0,79
66	32,89	9-TRICOSENE	0,03
67	33,03	TRICOSENE ISOMER	0,43
68	33,17	TRICOSENE ISOMER	0,04
69	33,38	PHENYLETHYLIC ESTER	0,04
70	33,82	CITRONELIC ESTER	0,06
71	34,91	TETRACOSENE ISOMERE	0,04
72	35,04	LAURIC ACID	0,06
73	35,55	ALIPHATIC ESTER	0,06
74	36,04	EUGENOL, METHOXY-	0,05
75	36,27	ETHYL LINOLEATE	0,08
76	36,73	PENTACOSENE ISOMER	0,04
77	36,92	PENTACOSENE ISOMER	0,06
78	37,42	ETHYL LINOLENATE	0,10
79	37,51	CITRONELIC ESTER	0,12
80	38,07	MYRISTYL CAPRYLATE	0,18
81	38,85	MYRISTIC ACID	0,08
82	39,30	DITERPENIC COMPOUND	0,09
83	39,74	PHENYLETHYLIC ESTER	0,05
84	39,93	EUDESMOL ISOMER	0,08
85	40,01	MYRISTYL PELARGONATE	0,15
86	40,07	PENTADECYL CAPRYLATE	0,08
87	40,17	HEPTACOSENE ISOMER	0,10
88	40,63	ALIPHATIC ALCOHOL	0,03
89	41,02	ALIPHATIC ALCOHOL	0,05
90	41,18	HEPTACOSENE ISOMER	0,21

Disclaimer & Caution:

Please refer to all relevant technical information specific to the product, prior to use, The information contained in this document is obtained from current and reliable sources, New Directions Aromatics Inc, provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy, Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose, The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties, As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc,, 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 liability of New Directions Aromatics Inc, is limited to the value of the goods and does not include any consequential loss, New Directions Aromatics Inc, shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon, New Directions Aromatics Inc, shall not be responsible for any damages resulting from use of or reliance upon this information, In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario, Canada

GCMS ANALYSIS (cont'd.)

PRODUCT NAME: ROSE ABSOLUTE (BULGARIA) – 12013

Peak	RT (min)	COMPONENT name	%
91	41,62	CITRONELLIC ESTER	0,07
92	41,87	PHENYLETHYLIC ESTER	0,08
93	42,25	PENTADECYL NONANOATE	0,17
94	42,33	PALMITYL CAPRYLATE	0,16
95	42,65	ALIPHATIC ALCOHOL	0,05
96	42,82	AROMATIC COMPOUND	0,05
97	43,44	PALMITIC ACID	0,38
98	43,94	TERPENIC COMPOUND	0,05
99	44,86	HEXADECYL NONANOATE	0,13
100	45,46	AROMATIC COMPOUND	0,04
101	46,55	NONACOSENE ISOMER	0,07
102	47,13	CITRONELLIC ESTER	0,44
103	47,76	PHENYLETHYLIC ESTER	0,09
104	48,94	CITRONELLIC ESTER	0,11
105	49,15	ALIPHATIC ESTER	0,16
106	49,97	STEARIC ACID	0,11
107	50,51	ALIPHATIC ESTER	0,48
108	52,60	AROMATIC COMPOUND	0,03
109	53,32	LINOLEIC ACID	0,37
110	55,25	CITRONELLIC ESTER	0,21
111	56,60	PHENYLETHYLIC ESTER	1,21
112	58,19	CITRONELLIC ESTER	0,06
113	58,42	ALIPHATIC ESTER	0,15
114	58,98	CITRONELLIC ESTER	0,45
115	60,06	PHENYLETHYLIC ESTER	0,04
116	60,54	ALIPHATIC ESTER	0,66
117	61,82	ALIPHATIC ESTER	0,07
118	62,58	TERPENIC COMPOUND	0,05
119	63,13	ALIPHATIC ESTER	0,41
120	64,56	GERANYLLINALOOL ISOMER	0,09

Disclaimer & Caution:

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources, New Directions Aromatics Inc, provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy, Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose, The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties, As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., 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 liability of New Directions Aromatics Inc, is limited to the value of the goods and does not include any consequential loss, New Directions Aromatics Inc, shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon, New Directions Aromatics Inc, shall not be responsible for any damages resulting from use of or reliance upon this information, In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario, Canada

GCMS ANALYSIS (cont'd.)

PRODUCT NAME: ROSE ABSOLUTE (BULGARIA) – 12013

Peak	RT (min)	COMPONENT name	%
121	65,14	ALIPHATIC ESTER	0,54
122	67,31	ALIPHATIC ESTER	0,04
123	69,14	ALIPHATIC ESTER	0,03
124	70,36	ALIPHATIC ESTER	0,49
125	72,32	PHENYLETHYLIC ESTER	0,08
126	72,70	CITRONELLIC ESTER	0,08
127	76,19	ALIPHATIC ESTER	0,05
128	77,13	ALIPHATIC ESTER	0,69
129	82,94	ALIPHATIC ESTER	0,06
130	83,91	ALIPHATIC ESTER	0,09
131	84,56	AROMATIC COMPOUND	0,62
132	92,35	PHENYLETHYLIC ESTER	0,03
133	95,98	CITRONELLIC ESTER	0,04
		TOTAL	98,58

Disclaimer & Caution:

Please refer to all relevant technical information specific to the product, prior to use, The information contained in this document is obtained from current and reliable sources, New Directions Aromatics Inc, provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy, Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose, The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties, As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc,, 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 liability of New Directions Aromatics Inc, is limited to the value of the goods and does not include any consequential loss, New Directions Aromatics Inc, shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon, New Directions Aromatics Inc, shall not be responsible for any damages resulting from use of or reliance upon this information, In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario, Canada