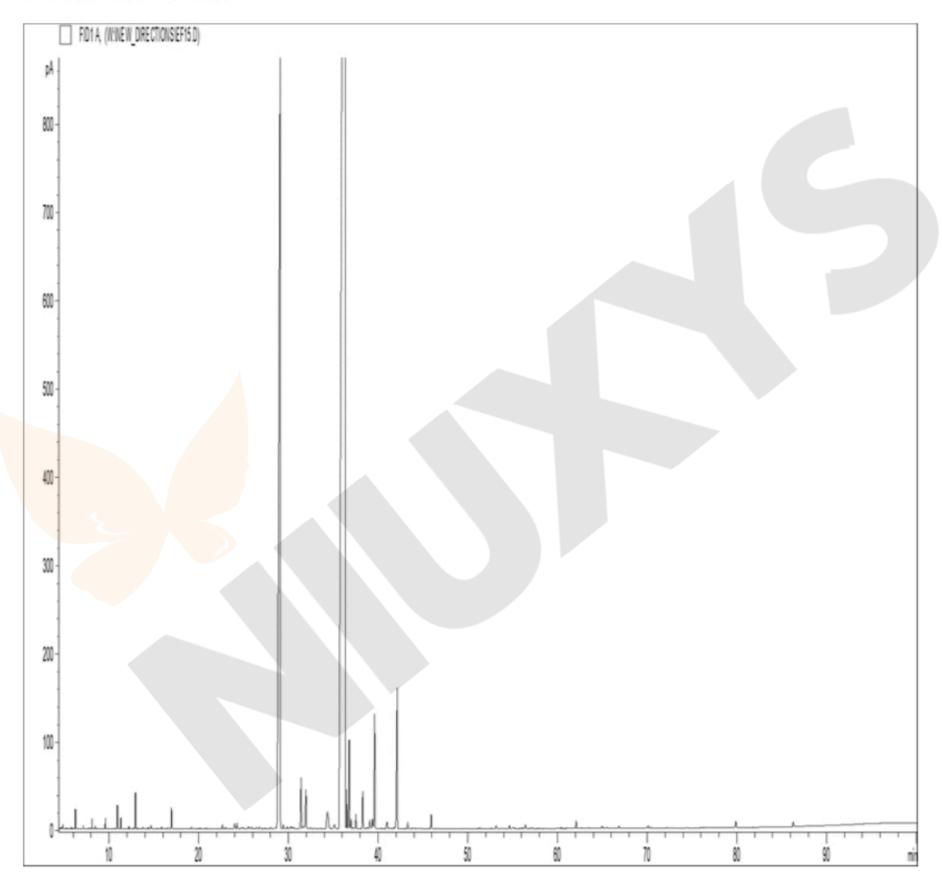


# **GCMS ANALYSIS**

PRODUCT NAME: BASIL ESSENTIAL OIL (INDIA) - 11006

DATE: March 31, 2021



## Disclaimer & Caution:



# GCMS ANALYSIS (cont'd,)

PRODUCT NAME: BASIL ESSENTIAL OIL (INDIA) - 11006

Peak	RT (min)	Compound name	%
1	4,85	ISOVALERALDEHYDE	0,01
2	6,26	alpha-PINENE	0,08
3	7,13	CAMPHENE	0,01
4	8,11	beta-PINENE	0,05
5	8,42	SABINENE	0,02
6	9,59	beta-MYRCENE	0,06
7	10,93	LIMONENE	0,15
8	11,33	1,8-CINEOLE	0,07
9	12,22	cis-beta-OCIMENE	0,02
10	12,95	trans-beta-OCIMENE	0,23
11	13,79	p-CYMENE	0,02
12	14,37	TERPINOLENE	0,01
13	14,68	OCTANAL	0,03
14	15,88	3-HEXEN-1-OL, ACETATE	0,01
15	16,54	4-NONANONE	0,01
16	16,96	5-HEPTEN-2-ONE, 6-METHYL-	0,15
17	19,22	3-HEXEN-1-OL	0,02
18	20,15	FENCHONE	0,01
19	22,65	LINALOOL cis-OXIDE	0,04
20	23,02	1-OCTEN-3-OL	0,02
21	24,02	MENTHONE	0,08
22	24,28	LINALOOL trans-OXIDE	0,06
23	24,77	OCTYL ACETATE	0,03
24	25,00	ISOGERANIAL	0,02
25	25,56	ISOMENTHONE	0,03
26	25,91	alpha-COPAENE	0,03
27	26,44	ISONERAL	0,02
28	26,76	CAMPHOR	0,02
29	27,41	beta-BOURBONENE	0,01
30	28,02	alpha-GURJUNENE	0,02

## Disclaimer & Caution:



# GCMS ANALYSIS (cont'd,)

PRODUCT NAME: BASIL ESSENTIAL OIL (INDIA) - 11006

Peak	RT (min)	Compound name	%
31	28,49	BERGAMOTENE ISOMER	0,02
32	28,63	beta1-CUBEBENE	0,01
33	29,09	LINALOOL	18,21
34	29,43	1-OCTANOL	0,04
35	29,91	MENTHYL ACETATE	0,02
36	30,23	ISOPULEGOL	0,02
37	30,35	alpha-cis-BERGAMOTENE	0,03
38	30,61	epsilon-CADINENE	0,02
39	31,42	alpha-trans-BERGAMOTENE	0,57
40	31,62	beta-ELEMENE	0,03
41	31,71	NEOMENTHOL	0,02
42	31,96	beta-CARYOPHYLLENE	0,51
43	32,46	TERPINENE-4-OL	0,03
44	32,94	HOTRIENOL	0,02
45	34,34	MENTHOL	0,49
46	35,13	FARNESENE ISOMER	0,08
47	36,29	ESTRAGOL	72,66
48	36,50	alpha-HUMULENE	0,25
49	36,72	E-beta-FARNESENE	0,24
50	38,48	PULEGONE	0,10
51	36,96	Z-beta-FARNESENE	0,09
52	37,16	gamma-MUUROLENE	0,02
53	37,53	alpha-TERPINEOL	0,14
54	38,29	GERMACRENE D	0,39
55	38,59	SESQUITERPENE	0,01
56	38,77	PIPERITONE	0,02
57	39,08	HEXENYLIC ESTER	0,11
58	39,13	BICYCLOGERMACRENE	0,02
59	39,38	SESQUITERPENE	0,12
60	39,62	GERANIAL	1,22

#### **Disclaimer & Caution**



# GCMS ANALYSIS (cont'd,)

PRODUCT NAME: BASIL ESSENTIAL OIL (INDIA) - 11006

Peak	RT (min)	Compound name	%
61	40,96	delta-CADINENE	0,04
62	41,00	GERANYL ACETATE	0,07
63	41,18	LINALOOL PYRANOID trans-OXIDE	0,01
64	41,77	alpha-CURCUMENE	0,02
65	42,13	trans-alpha-BISABOLENE	1,82
66	43,31	NEROL	0,07
67	44,69	trans-ANETHOL	0,01
68	45,93	GERANIOL	0,14
69	51,36	3,7-OCTADIENE-2,6-DIOL, 2,6-DIMETHYL-	0,01
70	53,17	CARYOPHYLLENE EPOXIDE	0,03
71	54,65	METHYLEUGENOL	0,03
72	55,08	ANISALDEHYDE	0,02
73	56,09	epoxy-6,7-HUMULENE	0,01
74	56,43	NEROLIDOL	0,04
75	60,41	SPATHULENOL	0,01
76	62,08	EUGENOL	0,08
77	64,96	alpha-BISABOLOL	0,02
78	65,47	beta-EUDESMOL	0,01
79	66,85	ELEMICIN	0,02
80	70,12	CHAVICOL	0,03
81	70,38	GERANIC ACID	0,02
82	79,89	CINNAMALDEHYDE, 3-METHOXY-	0,08
83	86,30	4-METHOXYPHENYL, 2-PROPANONE- Mw=164	0,06
		TOTAL	100,00

## Disclaimer & Caution: