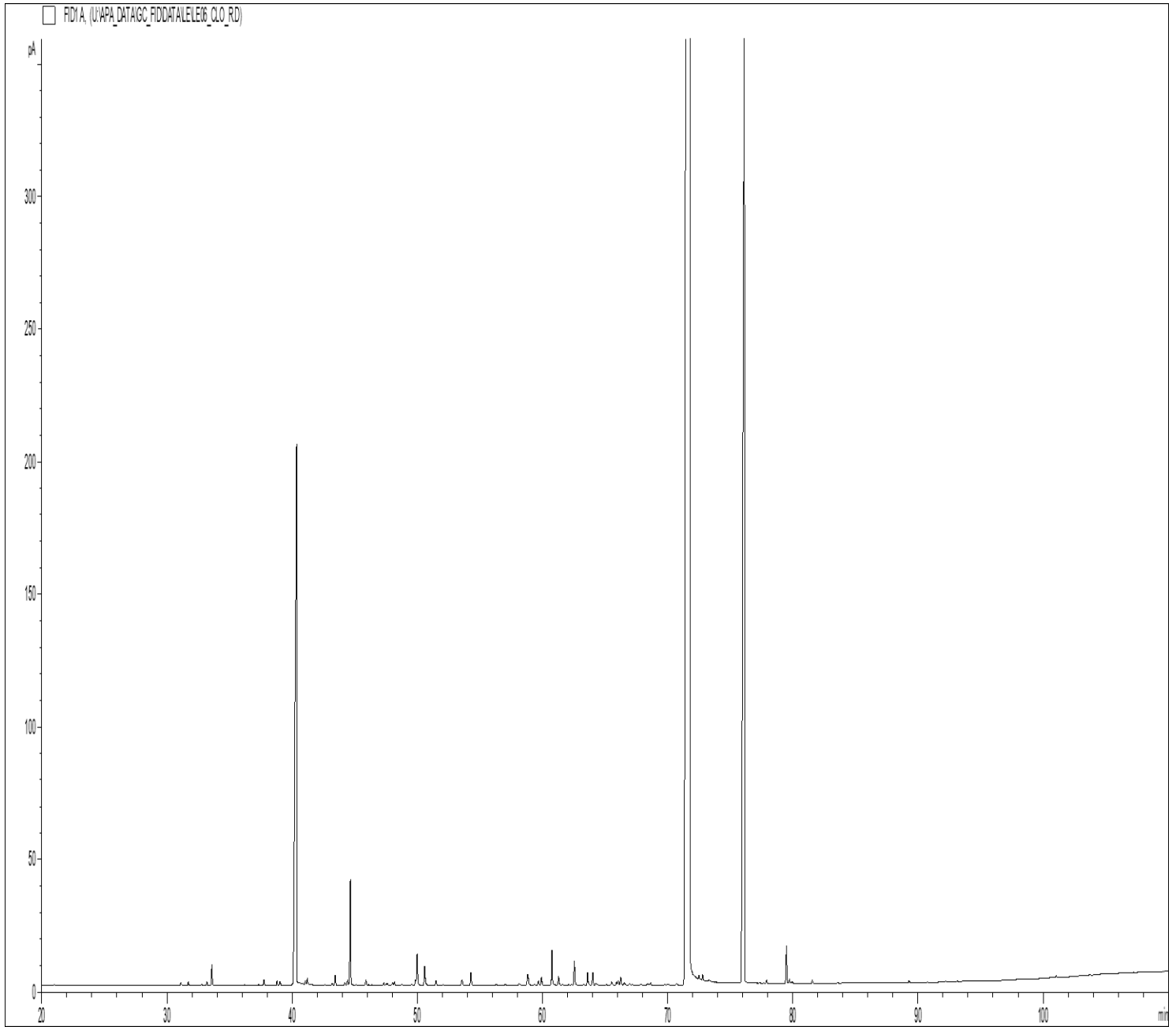


GCMS ANALYSIS

PRODUCT NAME: CLOVE BUD (INDIA) ESSENTIAL OIL – 11301

DATE: March 1, 2024



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: CLOVE BUD (INDIA) ESSENTIAL OIL – 11301

Peak	RT (min)	Compound name	%
1	21,01	1,3,7-NONATRIENE, 4,8-DIMETHYL-	0,01
2	31,09	FURFURAL	0,02
3	31,70	AROMATIC COMPOUND	0,02
4	33,19	TERPENIC COMPOUND	0,02
5	33,59	alpha-COPAENE	0,11
6	37,32	LINALOL	0,01
7	37,75	SESQUITERPENE	0,03
8	38,78	SESQUITERPENE	0,02
9	39,02	SESQUITERPENE	0,03
10	40,35	beta-CARYOPHYLENE	5,45
11	41,06	SESQUITERPENE	0,02
12	41,23	SESQUITERPENE	0,03
13	43,45	ALLO-AROMADENDRENE	0,06
14	44,22	ZONARENE	0,02
15	44,45	SESQUITERPENE	0,03
16	44,67	alpha-HUMULENE	0,58
17	45,91	gamma-MUUROLENE	0,03
18	47,34	SESQUITERPENE	0,02
19	47,64	beta-SELINENE	0,02
20	48,03	alpha-SELINENE	0,02
21	48,18	alpha-MUUROLENE	0,02
22	48,75	AROMATIC COMPOUND	0,01
23	49,88	gamma-CADINENE	0,03
24	50,00	delta-CADINENE	0,19
25	50,60	METHYL SALICYLATE	0,12
26	51,50	CADINA-1,4-DIENE	0,03
27	53,59	SESQUITERPENE Mw=202	0,04
28	54,29	CALAMENENE	0,07
29	57,03	AROMATIC COMPOUND	0,01
30	58,15	COMPOUND Mw=220	0,02

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: CLOVE BUD (INDIA) ESSENTIAL OIL – 11301

Peak	RT (min)	Compound name	%
31	58,85	AROMATIC COMPOUND	0,09
32	59,68	TERPENIC COMPOUND	0,03
33	59,94	TERPENIC ALCOHOL	0,05
34	60,77	AROMATIC COMPOUND	0,20
35	61,29	SESQUITERPENOL	0,03
36	61,55	ALIPHATIC ESTER	0,03
37	62,56	CARYOPHYLLENE OXIDE	0,14
38	63,62	TERPENIC OXIDE	0,08
39	64,03	METHYLEUGENOL	0,07
40	65,54	EPOXY-6,7-HUMULENE	0,03
41	65,93	NEROLIDOL	0,02
42	66,06	SESQUITERPENOL	0,02
43	66,26	CARYOPHYLLENOL	0,05
44	66,53	Epi-CUBENOL	0,02
45	66,96	CUBENOL	0,01
46	68,64	DIHYDROEUGENOL	0,01
47	70,73	AROMATIC COMPOUND	0,01
48	71,79	EUGENOL	82,47
49	72,52	AROMATIC COMPOUND	0,02
50	72,81	AROMATIC COMPOUND	0,03
51	76,11	EUGENYL ACETATE	9,05
52	77,00	AROMATIC COMPOUND	0,01
53	77,36	AROMATIC COMPOUND	0,01
54	77,90	CARYOPHYLLA-2,6-DIEN-5-alpha-OL	0,02
55	79,47	CHAVICOL	0,21
56	79,72	SESQUITERPENIC OXIDE	0,03
57	79,96	ISOEUGENOL	0,01
58	81,55	SESQUITERPENIC OXIDE	0,02
59	89,28	VANILLIN	0,01
60	101,02	AROMATIC COMPOUND	0,02

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: CLOVE BUD (INDIA) ESSENTIAL OIL – 11301

Peak	RT (min)	Compound name	%
61	113,15	CONIFERALDEHYDE	0,04
		TOTAL	99,93

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