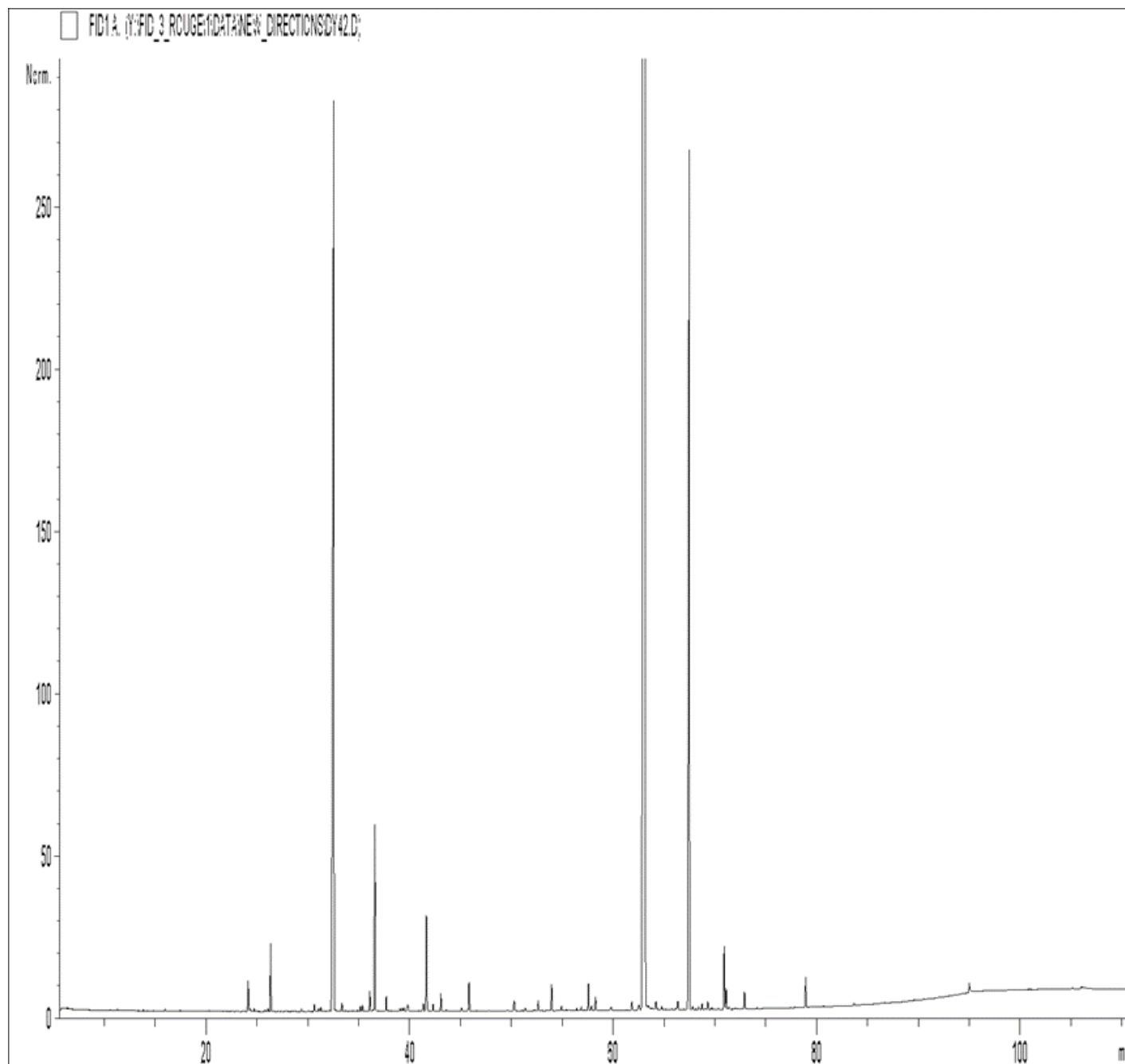


GCMS ANALYSIS

PRODUCT NAME: CLOVE BUD ORGANIC ESSENTIAL OIL - 50006

DATE: March 04, 2021



*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 ORGANIC ESSENTIAL OIL - 50006

| Peak | RT (min) | Compound name                     | %           |
|------|----------|-----------------------------------|-------------|
| 1    | 11,26    | LIMONENE                          | 0,01        |
| 2    | 13,83    | p-CYMENE                          | 0,01        |
| 3    | 15,96    | 1,3,7-NONATRIENE, 4,8-DIMETHYL    | 0,01        |
| 4    | 24,13    | FURFURAL                          | 0,17        |
| 5    | 24,34    | alpha-CUBEBENE                    | 0,02        |
| 6    | 24,72    | SESQUITERPENE                     | 0,01        |
| 7    | 25,79    | CYCLOSATIVENE                     | 0,02        |
| 8    | 26,35    | alpha-COPAENE                     | 0,40        |
| 9    | 29,38    | LINALOOL                          | 0,01        |
| 10   | 30,62    | 2-FURANCARBOXYALDEHYDE, 5-METHYL- | 0,04        |
| 11   | 31,08    | ISOCARYOPHYLLENE                  | 0,02        |
| 12   | 31,28    | ALIPHATIC ALCOHOL                 | 0,02        |
| 13   | 32,55    | <b>beta-CARYOPHYLLENE</b>         | <b>9,88</b> |
| 14   | 33,35    | AROMATIC COMPOUND                 | 0,05        |
| 15   | 35,18    | SESQUITERPENE                     | 0,03        |
| 16   | 35,37    | ALLO-AROMADENDRENE                | 0,04        |
| 17   | 36,09    | ZONARENE                          | 0,13        |
| 18   | 36,39    | SESQUITERPENE                     | 0,01        |
| 19   | 36,59    | alpha-HUMULENE                    | 1,22        |
| 20   | 37,71    | gamma-MUUROLENE                   | 0,09        |
| 21   | 38,14    | LEDENE                            | 0,01        |
| 22   | 39,06    | CADINENE ISOMER                   | 0,02        |
| 23   | 39,25    | MUUROLENE ISOMER                  | 0,02        |
| 24   | 39,42    | beta-SELINENE                     | 0,02        |
| 25   | 39,74    | alpha-SELINENE                    | 0,03        |
| 26   | 39,82    | alpha-MUUROLENE                   | 0,04        |
| 27   | 41,24    | SESQUITERPENE                     | 0,01        |
| 28   | 41,34    | E,E-alpha-FARNESENE               | 0,05        |
| 29   | 41,65    | delta-CADINENE                    | 0,64        |
| 30   | 41,72    | gamma-CADINENE                    | 0,04        |

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## GCMS ANALYSIS (cont'd,)

PRODUCT NAME: CLOVE BUD ORGANIC ESSENTIAL OIL - 50006

| Peak | RT (min) | Compound name                   | %            |
|------|----------|---------------------------------|--------------|
| 31   | 42,29    | METHYL SALICYLATE               | 0,04         |
| 32   | 43,07    | CADINA-1,4-DIENE                | 0,11         |
| 33   | 43,62    | alpha-AMORPHENE                 | 0,01         |
| 34   | 45,09    | SESQUITERPENE Mw=202            | 0,02         |
| 35   | 45,84    | CALAMENENE                      | 0,20         |
| 36   | 50,26    | alpha-CALACORENE                | 0,10         |
| 37   | 51,36    | CHAVICYL ACETATE                | 0,02         |
| 38   | 52,63    | SESQUITERPENIC EPOXIDE          | 0,07         |
| 39   | 53,94    | CARYOPHYLLENE OXIDE             | 0,19         |
| 40   | 54,92    | SESQUITERPENIC EPOXIDE          | 0,03         |
| 41   | 55,66    | E-METHYLEUGENOL                 | 0,01         |
| 42   | 56,42    | LEDOL                           | 0,02         |
| 43   | 56,73    | NEROLIDOL                       | 0,01         |
| 44   | 56,88    | epoxy-6,7-HUMULENE              | 0,03         |
| 45   | 57,56    | CARYOPHYLLENOL                  | 0,19         |
| 46   | 57,87    | epi-CUBENOL                     | 0,04         |
| 47   | 58,26    | CUBENOL                         | 0,10         |
| 48   | 59,82    | SESQUITERPENOL                  | 0,04         |
| 49   | 61,84    | DIHYDROEUGENOL Mw=166           | 0,07         |
| 50   | 62,52    | AROMATIC COMPOUND               | 0,07         |
| 51   | 63,14    | <b>EUGENOL</b>                  | <b>77,26</b> |
| 52   | 63,48    | T-CADINOL                       | 0,02         |
| 53   | 64,21    | alpha-MUUROLOL                  | 0,07         |
| 54   | 64,77    | delta-CADINOL                   | 0,02         |
| 55   | 66,34    | alpha-CADINOL                   | 0,07         |
| 56   | 67,47    | <b>EUGENYL ACETATE</b>          | <b>6,92</b>  |
| 57   | 67,79    | ALIPHATIC ESTER                 | 0,02         |
| 58   | 68,41    | AROMATIC COMPOUND               | 0,02         |
| 59   | 68,74    | SESQUITERPENOL                  | 0,04         |
| 60   | 69,29    | CARYOPHYLLA-2,6-DIEN-5-alpha-OL | 0,05         |

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CLOVE BUD ORGANIC ESSENTIAL OIL - 50006

| Peak | RT (min) | Compound name                   | %            |
|------|----------|---------------------------------|--------------|
| 61   | 70,91    | CHAVICOL                        | 0,42         |
| 62   | 71,09    | SESQUITERPENIC EPOXIDE          | 0,14         |
| 63   | 71,36    | ISOEUGENOL                      | 0,02         |
| 64   | 72,91    | SESQUITERPENIC EPOXIDE          | 0,11         |
| 65   | 78,92    | 2',3',4'-TRIMETHOXYACETOPHENONE | 0,22         |
| 66   | 83,68    | BENZYL BENZOATE                 | 0,01         |
| 67   | 95,00    | PALMITIC ACID                   | 0,07         |
|      |          | <b>TOTAL</b>                    | <b>99,92</b> |

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