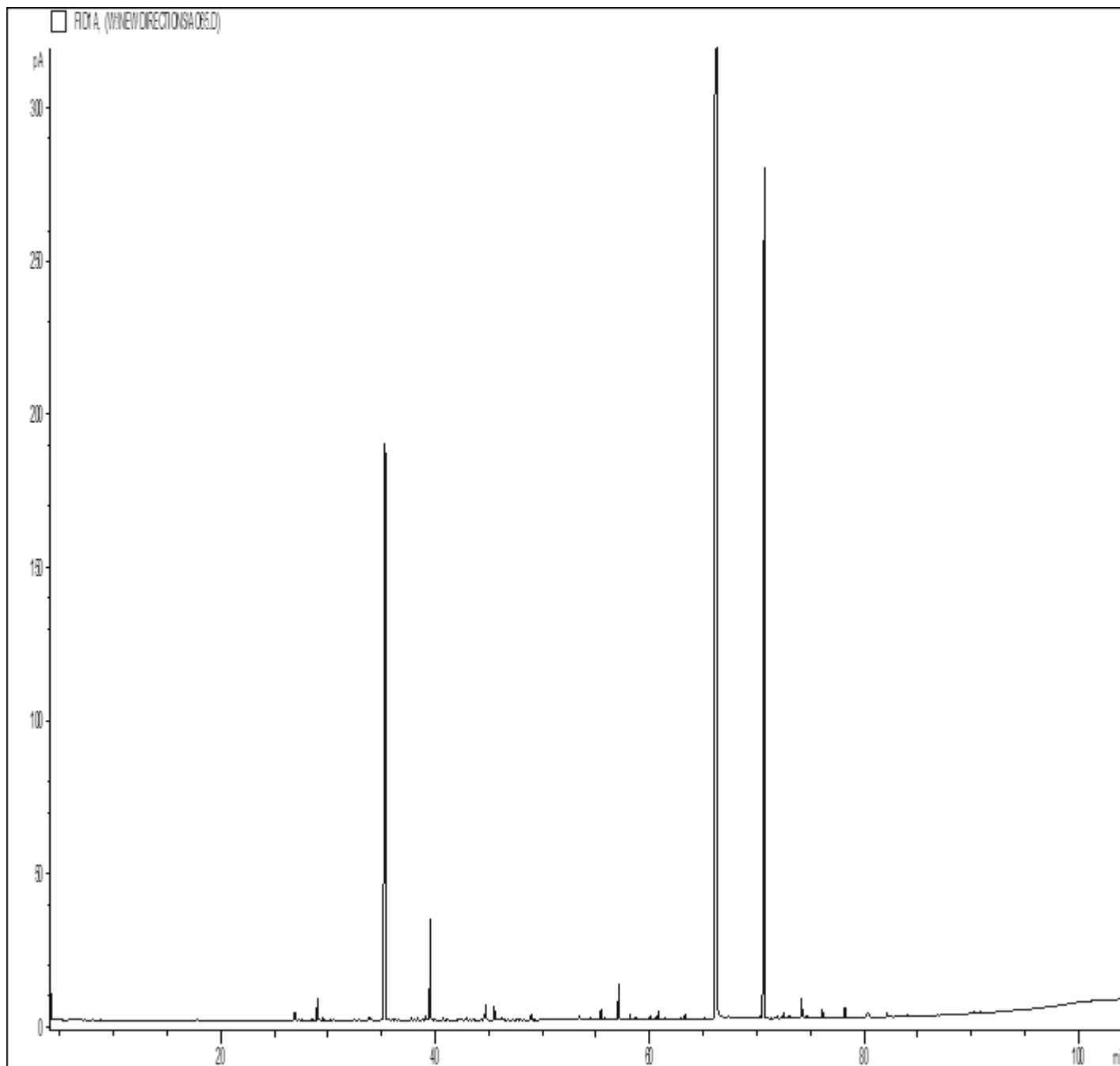


GCMS ANALYSIS

PRODUCT NAME: CLOVE BUD (INDONESIA) ESSENTIAL OIL – 11038

DATE: October 22, 2020



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 (INDONESIA) ESSENTIAL OIL – 11038

| Peak | RT (min) | Compound name | % |
|------|----------|----------------------------------|-------------|
| 1 | 20,41 | 4,8-DIMETHYL-1,3,7-NONATRIENE | 0,01 |
| 2 | 29,84 | FURFURAL | 0,04 |
| 3 | 30,18 | alpha-CUBEBENE | 0,05 |
| 4 | 32,00 | alpha-COPAENE | 0,15 |
| 5 | 35,42 | LINALOOL | 0,01 |
| 6 | 37,02 | 2-FURANCARBOXALDEHYDE, 5-METHYL- | 0,01 |
| 7 | 37,16 | AROMADENDRENE | 0,02 |
| 8 | 38,67 | beta-CARYOPHYLLENE | 7,68 |
| 9 | 39,55 | COMPOSE AROMATIQUE | 0,02 |
| 10 | 41,65 | SESQUITERPENE | 0,02 |
| 11 | 42,42 | CADINA-3,5-DIENE | 0,02 |
| 12 | 42,94 | alpha-HUMULENE | 0,93 |
| 13 | 44,12 | gamma-MUUROLENE | 0,01 |
| 14 | 45,86 | beta-SELINENE | 0,01 |
| 15 | 46,18 | alpha-MUUROLENE | 0,01 |
| 16 | 47,78 | gamma-CADINENE | 0,03 |
| 17 | 48,21 | delta-CADINENE | 0,09 |
| 18 | 49,11 | METHYL SALICYLATE | 0,17 |
| 19 | 49,61 | CADINA-1,4-DIENE | 0,01 |
| 20 | 52,48 | CALAMENENE | 0,03 |
| 21 | 56,77 | COMPOUND Mw=164 | 0,04 |
| 22 | 57,94 | COMPOUND Mw=164 | 0,03 |
| 23 | 60,06 | ISOCARYOPHYLLENE OXIDE | 0,02 |
| 24 | 60,56 | CARYOPHYLLENE OXIDE | 0,38 |
| 25 | 61,50 | SESQUITERPENIC OXIDE | 0,06 |
| 26 | 62,26 | METHYLEUGENOL | 0,04 |
| 27 | 63,53 | époxy-6,7-HUMULENE | 0,05 |
| 28 | 63,63 | LEDOL | 0,01 |
| 29 | 64,13 | CARYOPHYLLENOL | 0,03 |
| 30 | 64,87 | CUBENOL | 0,02 |

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: CLOVE BUD (INDONESIA) ESSENTIAL OIL – 11038

| Peak | RT (min) | Compound name | % |
|------|----------|-----------------------------------|--------------|
| 31 | 68,44 | DIHYDROEUGENOL | 0,02 |
| 32 | 68,98 | SESQUITERPENOL | 0,01 |
| 33 | 70,19 | EUGENOL | 80,55 |
| 34 | 70,58 | PATCHOULOL | 0,01 |
| 35 | 71,04 | COMPOUND Mw=205 | 0,02 |
| 36 | 74,38 | EUGENYL ACETATE | 8,72 |
| 37 | 75,50 | SESQUITERPENIC OXIDE | 0,03 |
| 38 | 75,82 | SESQUITERPENIC OXIDE | 0,01 |
| 39 | 76,08 | CARYOPHYLLA-2,6-DIEN-5-alpha-OL | 0,08 |
| 40 | 77,87 | SESQUITERPENIC OXIDE | 0,10 |
| 41 | 78,07 | CHAVICOL | 0,17 |
| 42 | 78,47 | ISOEUGENOL | 0,01 |
| 43 | 79,68 | SESQUITERPENIC OXIDE | 0,07 |
| 44 | 85,98 | 2',3',4'-TRIMETHYLOXYACETOPHENONE | 0,01 |
| 45 | 87,88 | VANILLIN | 0,01 |
| 46 | 93,39 | DIBUTYL PHTHALATE | 0,01 |
| 47 | 101,56 | COMPOUND Mw=180 | 0,01 |
| 48 | 111,85 | CLOVANE DIOL | 0,01 |
| 49 | 113,46 | CONIFERALDEHYDE | 0,05 |
| | | TOTAL | 99,94 |

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