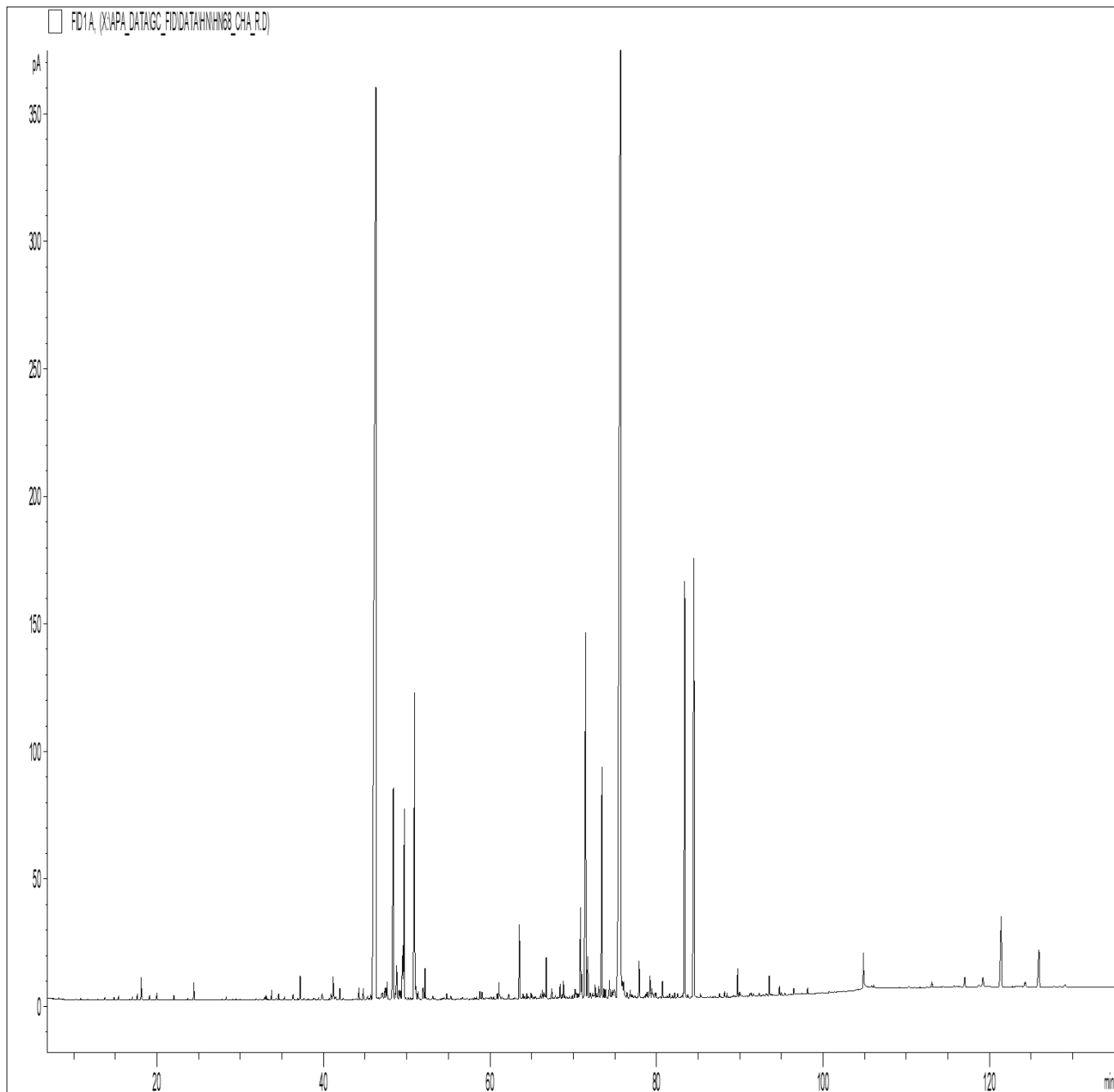


GCMS ANALYSIS

PRODUCT NAME: CHAMOMILE GERMAN ESSENTIAL OIL (HUNGARY) -11029

DATE: May 20, 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: CHAMOMILE GERMAN ESSENTIAL OIL (HUNGARY) - 11029

| Peak | RT (min) | Compound name | % |
|------|----------|---------------------------------------|--------------|
| 1 | 14,84 | LIMONENE | 0,02 |
| 2 | 15,38 | 1,8-CINEOLE | 0,03 |
| 3 | 17,04 | cis- β -OCIMENE | 0,03 |
| 4 | 17,64 | γ -TERPINENE | 0,05 |
| 5 | 18,10 | trans- β -OCIMENE | 0,17 |
| 6 | 19,11 | p-CYMENE | 0,04 |
| 7 | 19,99 | TERPINOLENE | 0,06 |
| 8 | 22,03 | TRIDECANE | 0,04 |
| 9 | 24,43 | ARTEMISIA KETONE | 0,14 |
| 10 | 28,31 | YOMOGI ALCOHOL | 0,03 |
| 11 | 32,97 | SILPHINENE | 0,03 |
| 12 | 33,11 | δ -ELEMENE | 0,04 |
| 13 | 33,77 | BICYCLOELEMENE | 0,08 |
| 14 | 34,63 | α -COPAENE | 0,07 |
| 15 | 35,33 | ARTEMISIA ALCOHOL | 0,03 |
| 16 | 36,37 | MODHEPHENE | 0,06 |
| 17 | 37,21 | α -ISOCOMENE | 0,22 |
| 18 | 39,83 | CALARENE ISOMER | 0,10 |
| 19 | 40,92 | β -ELEMENE | 0,06 |
| 20 | 41,00 | SESQUITERPENE | 0,03 |
| 21 | 41,18 | β -CARYOPHYLLENE | 0,25 |
| 22 | 41,49 | SESQUITERPENE | 0,04 |
| 23 | 41,97 | AROMADENDRENE | 0,12 |
| 24 | 44,26 | ALLO-AROMADENDRENE | 0,12 |
| 25 | 44,79 | NONA-3,8-DIEN-2-ONE, 4,8-DIMETHYL- | 0,11 |
| 26 | 45,31 | ZONARENE | 0,06 |
| 27 | 45,68 | α -HUMULENE | 0,05 |
| 28 | 46,30 | E-β-FARNESENE | 25,26 |
| 29 | 46,60 | SESQUITERPENE | 0,03 |
| 30 | 46,77 | γ -CURCUMENE | 0,04 |

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CHAMOMILE GERMAN ESSENTIAL OIL (HUNGARY) - 11029

| Peak | RT (min) | Compound name | % |
|------|----------|--|-------------|
| 31 | 47,11 | γ -MUUROLENE | 0,18 |
| 32 | 47,35 | BORNEOL | 0,08 |
| 33 | 47,43 | α -TERPINEOL | 0,11 |
| 34 | 47,65 | LEDENE | 0,23 |
| 35 | 48,39 | GERMACRENE D | 2,76 |
| 36 | 48,63 | SESQUITERPENE | 0,08 |
| 37 | 48,79 | β -SELINENE | 0,44 |
| 38 | | TERPENIC OXIDE | |
| 39 | 49,10 | SESQUITERPENE | 0,12 |
| 40 | 49,26 | SESQUITERPENE | 0,08 |
| 41 | 49,45 | α -MUUROLENE | 0,26 |
| 42 | 49,54 | β -BISABOLENE | 0,49 |
| 43 | 49,72 | BICYCLOGERMARENE | 1,93 |
| 44 | 49,90 | COMPOUND Mw=172 | 0,03 |
| 45 | 50,20 | SESQUITERPENE | 0,03 |
| 46 | 50,46 | SESQUITERPENE | 0,03 |
| 47 | 50,96 | E,E-α-FARNESENE | 3,58 |
| 48 | 50,99 | δ -CADINENE | 0,31 |
| 49 | 51,12 | SESQUITERPENE | 0,12 |
| 50 | 51,36 | ALIPHATIC ALCOHOL | 0,10 |
| 51 | 51,49 | SESQUITERPENE Mw=202 | 0,02 |
| 52 | 51,96 | β -SESQUIPELLANDRENE | 0,13 |
| 53 | 51,96 | α -CURCUMENE | 0,06 |
| 54 | 52,20 | trans- α -BISABOLENE | 0,26 |
| 55 | 52,33 | CADINA-1,4-DIENE | 0,03 |
| 56 | 52,58 | COMPOUND Mw=200 | 0,02 |
| 57 | 53,14 | α -AMORPHENE | 0,05 |
| 58 | 53,37 | SESQUITERPENE | 0,02 |
| 59 | 54,32 | ALIPHATIC ALCOHOL | 0,03 |
| 60 | 54,49 | β -DAMASCENONE | 0,02 |

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CHAMOMILE GERMAN ESSENTIAL OIL (HUNGARY) - 11029

| Peak | RT (min) | Compound name | % |
|------|----------|----------------------|------|
| 61 | 54,81 | trans-ANETHOL | 0,09 |
| 62 | 55,30 | SESQUITERPENE Mw=202 | 0,04 |
| 63 | 56,72 | E-GERANYL ACETONE | 0,03 |
| 64 | 58,17 | SESQUITERPENE Mw=202 | 0,02 |
| 65 | 58,38 | ALIPHATIC ESTER | 0,02 |
| 66 | 58,80 | COMPOUND Mw=218 | 0,07 |
| 67 | 59,07 | COMPOUND Mw=220 | 0,08 |
| 68 | 59,51 | α -CALACORENE | 0,03 |
| 69 | 60,16 | ALIPHATIC ESTER | 0,03 |
| 70 | 60,45 | PALUSTROL | 0,03 |
| 71 | 60,88 | SESQUITERPENIC OXIDE | 0,07 |
| 72 | 61,09 | DENDROLASIN | 0,15 |
| 73 | 61,19 | IONONE ISOMER | 0,04 |
| 74 | 62,24 | SESQUITERPENIC OXIDE | 0,07 |
| 75 | 63,54 | CARYOPHYLLENE OXIDE | 0,71 |
| 76 | 63,98 | AROMATIC COMPOUND | 0,07 |
| 77 | 64,18 | SESQUITERPENOL | 0,05 |
| 78 | 64,42 | SESQUITERPENOL | 0,05 |
| 79 | 64,60 | COMPOUND Mw=190 | 0,03 |
| 80 | 64,94 | CHRYSANTHEMOL ISOMER | 0,07 |
| 81 | 65,07 | SESQUITERPENIC OXIDE | 0,04 |
| 82 | 65,27 | SESQUITERPENOL | 0,03 |
| 83 | 65,48 | AROMATIC COMPOUND | 0,04 |
| 84 | 66,10 | LEDOL | 0,07 |
| 85 | 66,30 | AROMATIC COMPOUND | 0,09 |
| 86 | 66,48 | EPOXY-6,7-HUMULENE | 0,07 |
| 87 | 66,58 | AROMATIC COMPOUND | 0,05 |
| 88 | 66,77 | NEROLIDOL | 0,36 |
| 89 | 67,42 | GLEENOL | 0,13 |
| 90 | 67,85 | COMPOUND Mw=200 | 0,04 |

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CHAMOMILE GERMAN ESSENTIAL OIL (HUNGARY) - 11029

| Peak | RT (min) | Compound name | % |
|------|----------|---|--------------|
| 91 | 68,14 | COMPOUND Mw=220 | 0,03 |
| 92 | 68,43 | GLOBULOL | 0,15 |
| 93 | 68,66 | ELEMOL | 0,05 |
| 94 | 68,82 | VIRIDIFLOROL | 0,17 |
| 95 | 68,99 | AROMATIC COMPOUND | 0,04 |
| 96 | 69,26 | AROMATIC COMPOUND | 0,03 |
| 97 | 69,57 | SESQUITERPENOL | 0,03 |
| 98 | 69,90 | 10-epi- γ -EUDESMOL | 0,04 |
| 99 | 70,10 | AROMATIC COMPOUND | 0,04 |
| 100 | 70,24 | AROMATIC COMPOUND | 0,11 |
| 101 | 70,40 | SESQUITERPENIC OXIDE | 0,06 |
| 102 | 70,58 | SANTALOL ISOMER | 0,06 |
| 103 | 70,88 | SPATHULENOL | 0,92 |
| 104 | 71,02 | PENTADECANONE, TRIMETHYL- | 0,25 |
| 105 | 71,50 | α-BISABOLOL OXIDE B | 4,80 |
| 106 | 71,76 | BISABOLOL OXIDE C | 0,55 |
| 107 | 72,04 | TERPENIC COMPOUND | 0,10 |
| 108 | 72,26 | AROMATIC COMPOUND | 0,04 |
| 109 | 72,35 | MINT SULFIDE | 0,05 |
| 110 | 72,45 | SESQUITERPENOL | 0,02 |
| 111 | 72,64 | BISABOLOL OXIDE ISOMER | 0,16 |
| 112 | 72,80 | γ -EUDESMOL | 0,05 |
| 113 | 73,07 | T-CADINOL | 0,18 |
| 114 | 73,46 | α-BISABOLONE OXIDE A | 2,55 |
| 115 | 73,69 | SESQUITERPENIC OXIDE | 0,11 |
| 116 | 73,88 | α -MUUROLOL | 0,12 |
| 117 | 74,35 | SESQUITERPENIC OXIDE | 0,25 |
| 118 | 74,67 | SESQUITERPENIC OXIDE | 0,10 |
| 119 | 74,96 | Epi- α -BISABOLOL | 0,24 |
| 120 | 75,70 | α-BISABOLOL | 28,43 |

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CHAMOMILE GERMAN ESSENTIAL OIL (HUNGARY) - 11029

| Peak | RT (min) | Compound name | % |
|------|----------|----------------------------|-------------|
| 121 | 75,92 | β-EUDES MOL | 0,20 |
| 122 | 76,04 | LACHNOPHYLLUM METHYL ESTER | 0,15 |
| 123 | 76,09 | α-CADINOL | 0,08 |
| 124 | 76,25 | SESQUITERPENIC OXIDE | 0,04 |
| 125 | 76,45 | SESQUITERPENIC OXIDE | 0,09 |
| 126 | 76,86 | SESQUITERPENOL | 0,10 |
| 127 | 77,02 | SESQUITERPENOL | 0,04 |
| 128 | 77,15 | METHYL PALMITATE | 0,03 |
| 129 | 77,42 | AROMATIC COMPOUND | 0,04 |
| 130 | 77,93 | CAPRIC ACID | 0,42 |
| 131 | 78,58 | COMPOUND Mw=220 | 0,03 |
| 132 | 78,75 | AROMATIC COMPOUND | 0,05 |
| 133 | 78,90 | ALIPHATIC ESTER | 0,08 |
| 134 | 79,22 | MATRICARIA ESTER | 0,34 |
| 135 | 79,46 | SESQUITERPENIC OXIDE | 0,10 |
| 136 | 79,59 | TRICOSANE | 0,05 |
| 137 | 79,83 | FARNESOL ISOMER | 0,06 |
| 138 | 79,94 | AROMATIC COMPOUND | 0,05 |
| 139 | 80,74 | SESQUITERPENIC OXIDE | 0,19 |
| 140 | 81,32 | SESQUITERPENIC OXIDE | 0,03 |
| 141 | 81,60 | AROMATIC COMPOUND | 0,05 |
| 142 | 81,91 | COMPOUND Mw=222 | 0,03 |
| 143 | 82,19 | AROMATIC COMPOUND | 0,06 |
| 144 | 82,52 | ALIPHATIC ALCOHOL | 0,06 |
| 145 | 83,09 | COMPOUND Mw=220 | 0,04 |
| 146 | 83,40 | CHAMAZULEN | 4,83 |
| 147 | 83,77 | COMPOUND Mw=238 | 0,05 |
| 148 | 84,51 | α-BISABOLOL OXIDE A | 5,71 |
| 149 | 84,92 | AROMATIC COMPOUND | 0,03 |
| 150 | 85,29 | COMPOUND Mw=218 | 0,04 |

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CHAMOMILE GERMAN ESSENTIAL OIL (HUNGARY) - 11029

| Peak | RT (min) | Compound name | % |
|------|----------|--------------------------|------|
| 151 | 86,48 | ALIPHATIC ESTER | 0,02 |
| 152 | 87,02 | SESQUITERPENIC OXIDE | 0,02 |
| 153 | 87,56 | SESQUITERPENIC OXIDE | 0,04 |
| 154 | 88,19 | SESQUITERPENIC OXIDE | 0,07 |
| 155 | 88,47 | ALIPHATIC ESTER | 0,04 |
| 156 | 89,24 | AROMATIC COMPOUND | 0,04 |
| 157 | 89,42 | AROMATIC COMPOUND | 0,02 |
| 158 | 89,76 | PENTACOSANE | 0,26 |
| 159 | 89,99 | SESQUITERPENIC OXIDE | 0,05 |
| 160 | 90,09 | AROMATIC COMPOUND | 0,03 |
| 161 | 91,18 | COMPOUND Mw=220 | 0,02 |
| 162 | 91,26 | COMPOUND Mw=220 | 0,03 |
| 163 | 91,37 | ETHYL LINOLEATE | 0,04 |
| 164 | 91,66 | COMPOUND Mw=220 | 0,04 |
| 165 | 92,35 | COMPOUND Mw=220 | 0,05 |
| 166 | 93,17 | COMPOUND Mw=196 | 0,03 |
| 167 | 93,54 | PHYTOL | 0,15 |
| 168 | 93,55 | GERANYLLINALOOL ISOMER | 0,04 |
| 169 | 94,76 | GERANYLLINALOOL ISOMER | 0,09 |
| 170 | 94,97 | ALIPHATIC ALCOHOL | 0,03 |
| 171 | 95,43 | ALIPHATIC ALCOHOL | 0,03 |
| 172 | 96,50 | SESQUITERPENOL | 0,06 |
| 173 | 98,15 | MYRISTIC ACID | 0,06 |
| 174 | 100,74 | PENTADECANOIC ACID | 0,03 |
| 175 | 104,85 | PALMITIC ACID | 0,50 |
| 176 | 106,08 | AROMATIC COMPOUND Mw=200 | 0,03 |
| 177 | 113,08 | GERANYLLINALOOL ISOMER | 0,07 |
| 178 | 115,72 | STEARIC ACID | 0,03 |
| 179 | 117,01 | TERPENIC COMPOUND | 0,14 |
| 180 | 118,71 | LINOLEIC ACID | 0,05 |

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CHAMOMILE GERMAN ESSENTIAL OIL (HUNGARY) - 11029

| Peak | RT (min) | Compound name | % |
|------|----------|-------------------|--------------|
| 181 | 119,20 | TERPENIC COMPOUND | 0,16 |
| 182 | 121,39 | SQUALENE | 1,33 |
| 183 | 124,28 | AROMATIC COMPOUND | 0,09 |
| 184 | 125,92 | TERPENIC COMPOUND | 0,75 |
| 185 | 129,06 | TERPENIC COMPOUND | 0,05 |
| | | TOTAL | 98,89 |

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