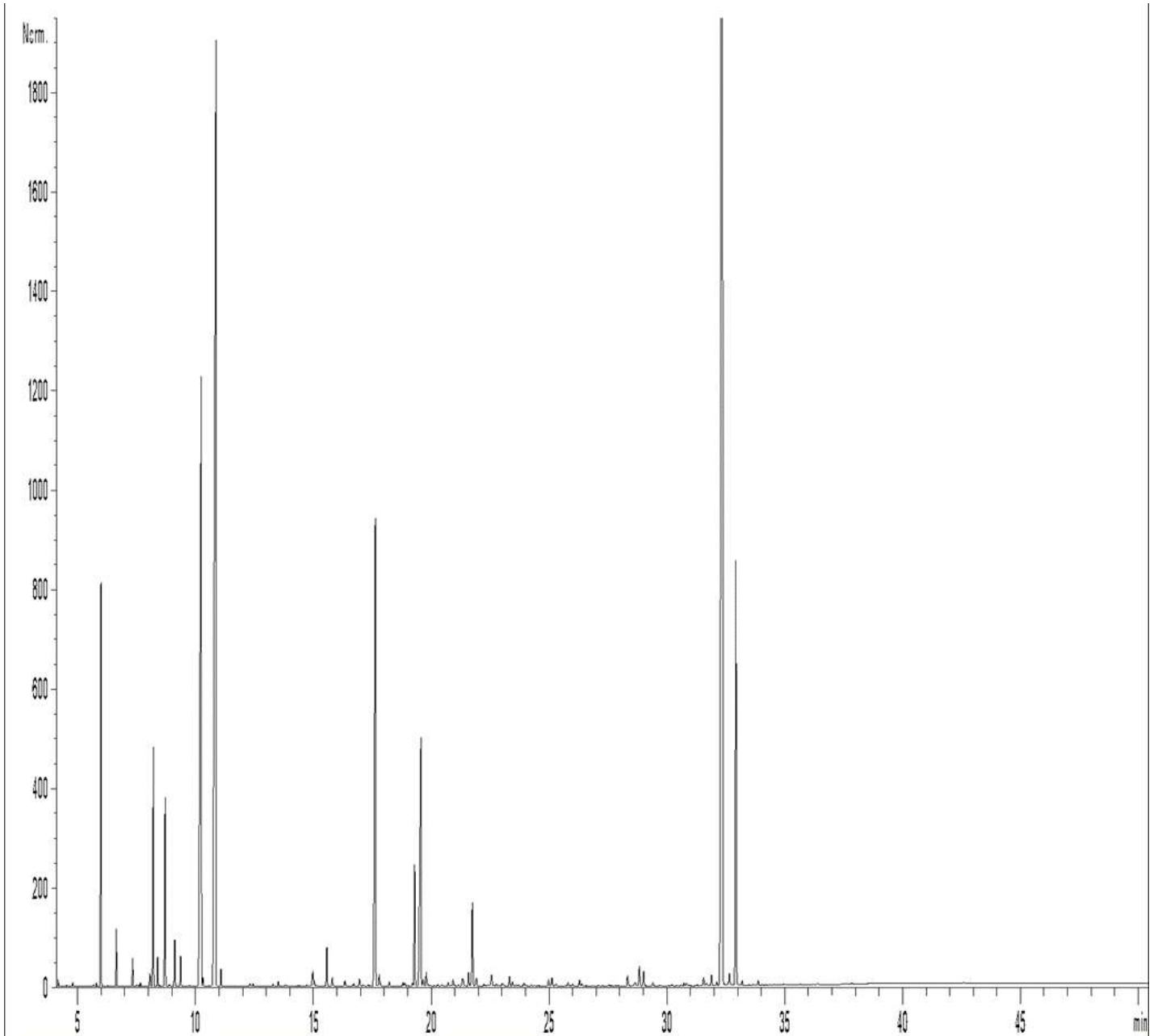


GCMS ANALYSIS

PRODUCT NAME: THYME RED ESSENTIAL OIL - 11145
DATE: February 03, 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: THYME RED ESSENTIAL OIL - 11145

| Peak | RT (min) | Compound name | % |
|------|----------|-----------------------------|--------------|
| 1 | 4,54 | ALLYL ETHYLETHER | 0,01 |
| 2 | 4,76 | 2-METHYLBUTANAL | 0,02 |
| 3 | 4,80 | ISOVALERALDEHYDE | 0,02 |
| 4 | 5,68 | METHYL 2-METHYLBUTYRATE | 0,01 |
| 5 | 5,79 | TRICYCLEN | 0,03 |
| 6 | 5,90 | alpha-PINENE | 2,01 |
| 7 | 5,98 | alpha-THUYENE | 1,63 |
| 8 | 6,28 | MENTHANE ISOMER | 0,01 |
| 9 | 6,64 | CAMPHE | 0,44 |
| 10 | 7,33 | beta-PINENE | 0,24 |
| 11 | 7,52 | SABINENE | 0,01 |
| 12 | 7,60 | PINADIENE | 0,01 |
| 13 | 7,66 | THUYADIENE | 0,03 |
| 14 | 8,07 | delta3-CARENE | 0,13 |
| 15 | 8,21 | beta-MYRCENE | 2,21 |
| 16 | 8,40 | alpha-PHELLANDRENE | 0,24 |
| 17 | 8,48 | psi-LIMONENE | 0,01 |
| 18 | 8,71 | alpha-TERPINENE | 1,76 |
| 19 | 8,88 | 1,8-CINEOLE, 2,3-DEHYDRO- | 0,02 |
| 20 | 9,11 | LIMONENE | 0,44 |
| 21 | 9,36 | 1,8-CINEOLE | 0,29 |
| 22 | | beta-PHELLANDRENE | |
| 23 | 9,75 | cis-beta-OCIMENE | 0,01 |
| 24 | 10,23 | gamma-TERPINENE | 10,95 |
| 25 | 10,30 | trans-beta-OCIMENE | 0,05 |
| 26 | 10,32 | 3-OCTANONE | 0,04 |
| 27 | 10,59 | m-CYMENE | 0,01 |
| 28 | 10,85 | p-CYMENE | 18,54 |
| 29 | 11,08 | TERPINOLENE | 0,16 |
| 30 | 12,29 | 5-HEPTANONE-2-ONE, 6-METHYL | 0,03 |

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: THYME RED ESSENTIAL OIL - 11145

| Peak | RT (min) | Compound name | % |
|------|----------|-------------------------------|-------------|
| 31 | 12,44 | 1-HEXANOL | 0,03 |
| 32 | 13,29 | 3-HEXEN-1-OL | 0,02 |
| 33 | 13,51 | 3-OCTANOL | 0,05 |
| 34 | 13,81 | NONANAL | 0,03 |
| 35 | 14,72 | COMPOUND Mw=152 | 0,02 |
| 36 | 14,92 | HEXENYLIC ESTER | 0,07 |
| 37 | 14,95 | alpha-p-DIMETHYLSTYRENE | 0,09 |
| 38 | 14,98 | LINALOOL Cis-OXIDE | 0,07 |
| 39 | 15,05 | 1-OCTEN-3-OL | 0,06 |
| 40 | 15,12 | 1-HEPTANOL | 0,02 |
| 41 | 15,56 | trans-THUYANOL | 0,41 |
| 42 | 15,79 | LINALOOL trans-OXIDE | 0,11 |
| 43 | 16,33 | ISOGERANIAL | 0,07 |
| 44 | 16,46 | YLANGENE | 0,01 |
| 45 | 16,70 | alpha-COPAENE | 0,03 |
| 46 | 16,95 | ISONERAL | 0,10 |
| 47 | 17,11 | CAMPHOR | 0,02 |
| 48 | 17,31 | beta-BOURBONENE | 0,02 |
| 49 | 17,41 | alpha-GURJUNENE | 0,02 |
| 50 | 17,62 | LINALOOL | 7,05 |
| 51 | 17,77 | cis-THUYANOL | 0,14 |
| 52 | 17,82 | trans-p-MENTH-2-EN-1-OL | 0,03 |
| 53 | 18,21 | BORNYL FORMIATE | 0,05 |
| 54 | 18,79 | epsilon-CADINENE | 0,05 |
| 55 | 18,87 | BORNYL ACETATE | 0,05 |
| 56 | 19,00 | METHYL THYMOL ETHER | 0,02 |
| 57 | 19,21 | alpha-trans-BERGAMOTENE | 0,03 |
| 58 | 19,25 | TERPINENE-4-OL | 0,87 |
| 59 | 19,29 | METHYL CARVACROL ETHER | 0,41 |
| 60 | 19,55 | beta-CARYOPHYLLENE | 4,45 |

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: THYME RED ESSENTIAL OIL - 11145

| Peak | RT (min) | Compound name | % |
|------|----------|----------------------------|------|
| 61 | 19,66 | cis-DIHYDROCARVONE | 0,11 |
| 62 | 19,76 | AROMADENDRENE | 0,14 |
| 63 | 19,81 | METHYL BENZOATE | 0,05 |
| 64 | 19,88 | SESQUITERPENE | 0,02 |
| 65 | 19,95 | cis-p-MENTH-2-EN-1-OL | 0,02 |
| 66 | 20,13 | trans-DIHYDROCARVONE | 0,02 |
| 67 | 20,27 | COMPOUND Mw=166 | 0,02 |
| 68 | 20,46 | CADINA-3,5-DIENE | 0,03 |
| 69 | 20,71 | ALLO-AROMADENDRENE | 0,05 |
| 70 | 20,81 | 1-NONANOL | 0,01 |
| 71 | 20,92 | LAVANDULOL | 0,11 |
| 72 | 21,14 | trans-VERBENOL | 0,02 |
| 73 | 21,29 | alpha-HUMULENE | 0,09 |
| 74 | 21,34 | NERAL | 0,07 |
| 75 | 21,58 | alpha-TERPINEOL | 0,17 |
| 76 | 21,74 | BORNEOL | 1,00 |
| 77 | 21,91 | LEDENE | 0,13 |
| 78 | 22,24 | CARVENONE | 0,03 |
| 79 | 22,35 | SESQUITERPENE | 0,01 |
| 80 | 22,41 | beta-SELINENE | 0,02 |
| 81 | 22,50 | alpha-MUUROLENE | 0,05 |
| 82 | 22,56 | GERANIAL | 0,14 |
| 83 | 22,66 | LINALOOL PYRANIC cis-OXIDE | 0,02 |
| 84 | 22,77 | CARVONE | 0,04 |
| 85 | 22,87 | BICYCLOGERMACRENE | 0,01 |
| 86 | 22,98 | trans-PIPERITOL | 0,04 |
| 87 | 23,06 | trans-ISOPIPERITENOL | 0,03 |
| 88 | 23,31 | delta-CADINENE | 0,12 |
| 89 | 23,45 | gamma-CADINENE | 0,06 |
| 90 | 23,58 | METHYL SALICYLATE | 0,03 |

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: THYME RED ESSENTIAL OIL - 11145

| Peak | RT (min) | Compound name | % |
|------|----------|------------------------------|--------------|
| 91 | 23,70 | 1-DECANOL | 0,02 |
| 92 | 23,93 | NEROL | 0,05 |
| 93 | 24,02 | SABINOL ISOMER | 0,02 |
| 94 | 24,24 | GERANYL PROPIONATE | 0,02 |
| 95 | 24,98 | p-CYMENE-8-OL | 0,08 |
| 96 | 25,12 | GERANIOL | 0,11 |
| 97 | 25,29 | CARVACRYL ACETATE | 0,03 |
| 98 | 25,80 | MYRCENOL | 0,04 |
| 99 | 25,99 | ALIPHATIC ALCOHOL | 0,03 |
| 100 | 26,28 | GERANYL BUTYRATE | 0,07 |
| 101 | 26,38 | NERYL METHYLBUTYRATE | 0,03 |
| 102 | 27,09 | alpha-CALACORENE | 0,02 |
| 103 | 27,25 | PIPERITENONE | 0,01 |
| 104 | 27,52 | trans-JASMONE | 0,01 |
| 105 | 27,63 | AROMATIC COMPOUND | 0,01 |
| 106 | 28,32 | DODECEN-1-OL ISOMER | 0,14 |
| 107 | 28,52 | ALLYL PHENOL ISOMER | 0,01 |
| 108 | 28,65 | ISOCARYOPHYLLENE OXIDE | 0,07 |
| 109 | 28,83 | CARYOPHYLLENE OXIDE | 0,28 |
| 110 | 29,00 | 2,4-DIMETHYLPHENYLIC ALCOHOL | 0,18 |
| 111 | 29,41 | ALIPHATIC ESTER | 0,05 |
| 112 | 30,72 | CUMINOL | 0,03 |
| 113 | 30,82 | SESQUITERPENIC EPOXIDE | 0,03 |
| 114 | 31,28 | 10-epi-gamma-EUDESMOL | 0,02 |
| 115 | 31,55 | SPATHULENOL | 0,12 |
| 116 | 31,67 | AROMATIC COMPOUND | 0,04 |
| 117 | 31,88 | ISOTHYMOL | 0,13 |
| 118 | 32,11 | EUGENOL | 0,05 |
| 119 | 32,33 | THYMOL | 36,26 |
| 120 | 32,65 | ISOCARVACROL | 0,17 |

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: THYME RED ESSENTIAL OIL - 11145

| Peak | RT (min) | Compound name | % |
|------|----------|--------------------------|--------------|
| 121 | 32,92 | CARVACROL | 5,20 |
| 122 | 33,19 | PHENOLIC COMPOUND | 0,06 |
| 123 | 33,49 | alpha-NOOTKATOL | 0,01 |
| 124 | 33,65 | alpha-CADINOL | 0,02 |
| 125 | 33,87 | PHENOLIC COMPOUND | 0,06 |
| 126 | 34,95 | AROMATIC COMPOUND | 0,01 |
| 127 | 35,64 | ISOAROMADENDRENE EPOXIDE | 0,01 |
| 128 | 36,39 | AROMATIC COMPOUND | 0,02 |
| 129 | 37,85 | SESQUITERPENIC EPOXIDE | 0,02 |
| | | TOTAL | 99,96 |

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