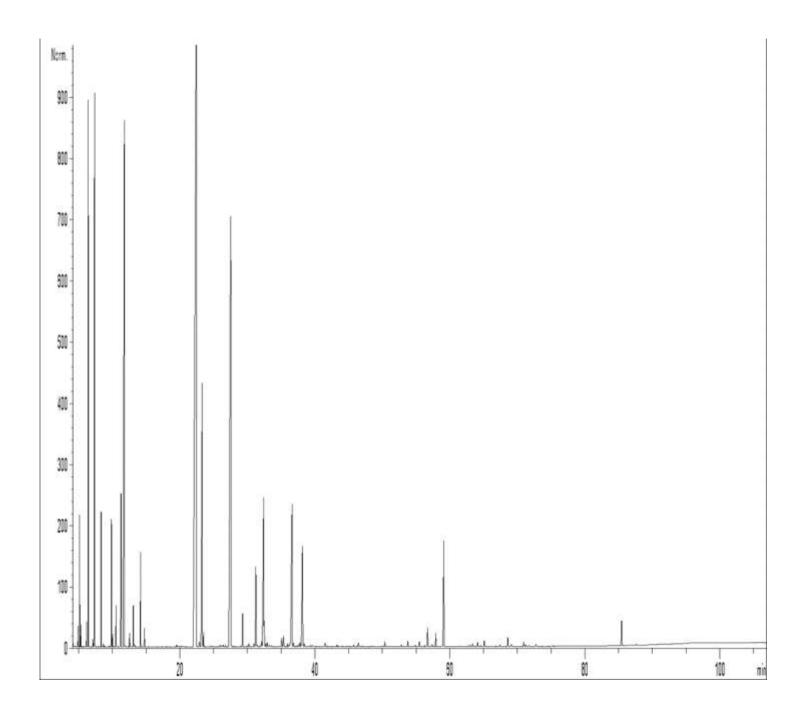


GCMS ANALYSIS

PRODUCT NAME: SAGE ORGANIC ESSENTIAL OIL - 50040

DATE: March 12, 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.



PRODUCT NAME: SAGE ORGANIC ESSENTIAL OIL - 50040

| Peak | RT (min) | Compound name | % |
|------|----------|---------------------|-------|
| 1 | 4,16 | ACETONE | 0,02 |
| 2 | 4,85 | BUTANAL, 2-METHYL | 0,04 |
| 3 | 4,91 | ISOVALERALDEHYDE | 0,12 |
| 4 | 5,14 | Z-SALVENE | 0,62 |
| 5 | 5,31 | E-SALVENE | 0,11 |
| 6 | 6,15 | TRICYCLENE | 0,16 |
| 7 | 6,38 | alpha-PINENE | 4,08 |
| 8 | 6,43 | alpha-THUYENE | 0,10 |
| 9 | 7,11 | alpha-FENCHENE | 0,06 |
| 10 | 7,33 | CAMPHENE | 5,06 |
| 11 | 7,54 | HEXANAL | 0,01 |
| 12 | 8,32 | beta-PINENE | 1,10 |
| 13 | 8,62 | SABINENE | 0,03 |
| 14 | 8,73 | PINADIENE | 0,02 |
| 15 | 8,87 | THUYADIENE | 0,01 |
| 16 | 9,48 | delta3-CARENE | 0,01 |
| 17 | 9,85 | beta-MYRCENE | 1,19 |
| 18 | 10,01 | alpha-PHELLANDRENE | 0,12 |
| 19 | 10,15 | psi-LIMONENE | 0,01 |
| 20 | 10,51 | alpha-TERPINENE | 0,42 |
| 21 | 11,26 | LIMONENE | 2,12 |
| 22 | 11,75 | 1,8-CINEOLE | 10,72 |
| 23 | 11,85 | MENTHATRIENE ISOMER | 0,02 |
| 24 | 11,95 | 2-HEXENAL | 0,01 |
| 25 | 12,37 | cis-beta-OCIMENE | 0,14 |
| 26 | 12,61 | COMPOUND Mw=152 | 0,03 |
| 27 | 13,08 | gamma-TERPINENE | 0,44 |
| 28 | 13,27 | trans-beta-OCIMENE | 0,04 |
| 29 | 14,16 | p-CYMENE | 1,08 |
| 30 | 14,74 | TERPINOLENE | 0,21 |

Disclaimer & Caution



PRODUCT NAME: SAGE ORGANIC ESSENTIAL OIL - 50040

| Peak | RT (min) | Compound name | % |
|------|----------|-------------------------|-------|
| 31 | 19,49 | 1-OCTEN-3-YL ACETATE | 0,03 |
| 32 | 19,63 | 3-HEXEN-1-OL | 0,03 |
| 33 | 20,14 | FENCHONE | 0,02 |
| 34 | 20,34 | NONANAL | 0,03 |
| 35 | 20,60 | 3-OCTANOL | 0,01 |
| 36 | 22,41 | alpha-THUYONE | 31,63 |
| 37 | 22,87 | alpha-p-DIMETHYLSTYRENE | 0,11 |
| 38 | 23,29 | beta-THUYONE | 5,94 |
| 39 | 23,49 | 1-OCTEN-3-OL | 0,19 |
| 40 | 24,44 | LINALOOL Trans-OXIDE | 0,02 |
| 41 | 24,75 | AROMATIC COMPOUND | 0,02 |
| 42 | 25,90 | alpha-CAMPHOLENAL | 0,03 |
| 43 | 26,04 | YLANGENE | 0,04 |
| 44 | 26,40 | HEXENYLIC ESTER | 0,03 |
| 45 | 26,73 | alpha-COPAENE | 0,03 |
| 46 | 27,52 | CAMPHOR | 14,86 |
| 47 | 27,64 | ALIPHATIC ALCOHOL | 0,01 |
| 48 | 27,76 | beta-BOURBONENE | 0,01 |
| 49 | 28,35 | alpha-GURJUNENE | 0,01 |
| 50 | 35,31 | beta-BOURBONENE | 0,02 |
| 51 | 29,29 | LINALOOL | 0,47 |
| 52 | 29,87 | LINALYL ACETATE | 0,01 |
| 53 | 29,95 | trans-p-MENTH-2-EN-1-OL | 0,02 |
| 54 | 30,22 | alpha-cis-BERGAMOTENE | 0,07 |
| 55 | 30,99 | ISOBORNYL ACETATE | 0,06 |
| 56 | 31,25 | BORNYL ACETATE | 1,40 |
| 57 | 31,49 | FENCHOL | 0,03 |
| 58 | 32,07 | beta-ELEMENE | 0,10 |
| 59 | 32,42 | beta-CARYOPHYLLENE | 3,88 |
| 60 | 32,49 | TERPINENE-4-OL | 0,31 |

Disclaimer & Caution



PRODUCT NAME: SAGE ORGANIC ESSENTIAL OIL - 50040

| Peak | RT (min) | Compound name | % |
|------|----------|-----------------------------|------|
| 61 | 32,72 | SESQUITERPENE | 0,06 |
| 62 | 32,93 | AROMADENDRENE | 0,08 |
| 63 | 33,25 | SESQUITERPENE | 0,04 |
| 64 | 33,52 | SESQUITERPENE | 0,03 |
| 65 | 33,83 | COMPOUND Mw=152 | 0,02 |
| 66 | 33,96 | cis-p-MENTH-2-EN-1-OL | 0,01 |
| 67 | 34,53 | SESQUITERPENE | 0,02 |
| 68 | 35,08 | ALLO-AROMADENDRENE | 0,15 |
| 69 | 35,35 | trans-SABINYL ACETATE | 0,21 |
| 70 | 35,95 | THUYYLIC ALCOHOL ISOMER | 0,05 |
| 71 | 36,17 | ISOBORNEOL | 0,03 |
| 72 | 36,38 | SESQUITERPENE | 0,10 |
| 73 | 36,61 | alpha-HUMULENE | 3,74 |
| 74 | 36,79 | THUYYLIC ALCOHOL ISOMER | 0,07 |
| 75 | 36,94 | MYRTENYL ACETATE | 0,02 |
| 76 | 37,36 | LAVANDULAL | 0,04 |
| 77 | 37,61 | gamma-MUUROLENE | 0,04 |
| 78 | 37,78 | LEDENE | 0,08 |
| 79 | 38,10 | BORNEOL | 1,66 |
| 80 | 38,15 | alpha-TERPINEOL | 0,82 |
| 81 | 38,42 | COMPOUND Mw=152 | 0,05 |
| 82 | 39,32 | beta-SELINENE | 0,03 |
| 83 | 39,63 | alpha-SELINENE | 0,03 |
| 84 | 39,69 | alpha-MUUROLENE | 0,01 |
| 85 | 39,78 | beta-BISABOLOL | 0,02 |
| 86 | 40,01 | cis-CARVYL ACETATE | 0,02 |
| 87 | 40,23 | exo-2-HYDROXYCINEOL ACETATE | 0,02 |
| 88 | 40,77 | TERPENIC ALCOHOL | 0,01 |
| 89 | 41,52 | delta-CADINENE | 0,07 |
| 90 | 41,58 | gamma-CADINENE | 0,02 |

Disclaimer & Caution



PRODUCT NAME: SAGE ORGANIC ESSENTIAL OIL - 50040

| Peak | RT (min) | Compound name | % |
|------|----------|-----------------------|------|
| 91 | 41,94 | MYRCENYL ACETATE | 0,02 |
| 92 | 43,26 | MYRTENOL | 0,03 |
| 93 | 43,40 | CADINA-1,4-DIENE | 0,02 |
| 94 | 44,11 | SABINOL ISOMER | 0,02 |
| 95 | 44,69 | alpha-AMORPHENE | 0,02 |
| 96 | 44,96 | SESQUITERPENE Mw=202 | 0,02 |
| 97 | 45,54 | CALAMENENE | 0,01 |
| 98 | 45,72 | trans-CARVEOL | 0,03 |
| 99 | 46,30 | GERANIOL | 0,01 |
| 100 | 46,44 | p-CYMENE-8-OL | 0,07 |
| 101 | 47,05 | E-GERANYL ACETONE | 0,02 |
| 102 | 47,37 | cis-CARVEOL | 0,01 |
| 103 | 48,37 | MYRCENOL | 0,02 |
| 104 | 50,08 | alpha-CALACORENE | 0,02 |
| 105 | 50,39 | COMPOUND Mw=150 | 0,09 |
| 106 | 51,19 | AROMATIC COMPOUND | 0,01 |
| 107 | 52,79 | COMPOUND Mw=150 | 0,03 |
| 108 | 53,77 | CARYOPHYLLENE EPOXIDE | 0,10 |
| 109 | 54,30 | PHENYLETHYLIC ESTER | 0,01 |
| 110 | 54,75 | SESQUITERPENIC OXIDE | 0,02 |
| 111 | 54,91 | COMPOUND Mw=166 | 0,02 |
| 112 | 55,49 | ALIPHATIC ESTER | 0,10 |
| 113 | 56,25 | LEDOL | 0,02 |
| 114 | 56,65 | COMPOUND Mw=168 | 0,15 |
| 115 | 56,69 | epoxy-6,7-HUMULENE | 0,23 |
| 116 | 57,38 | ELEMOL | 0,05 |
| 117 | 57,56 | SESQUITERPENOL Mw=222 | 0,02 |
| 118 | 57,90 | COMPOUND Mw=168 | 0,23 |
| 119 | 59,09 | VIRIDIFLOROL | 2,18 |
| 120 | 61,60 | SPATHULENOL | 0,01 |

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PRODUCT NAME: SAGE ORGANIC ESSENTIAL OIL - 50040

| Peak | RT (min) | Compound name | % |
|------|----------|---------------------------------|-------|
| 121 | 61,65 | PENTADECANONE, TRIMETHYL- | 0,02 |
| 122 | 62,72 | EUGENOL | 0,02 |
| 123 | 62,95 | ISOTHYMOL | 0,03 |
| 124 | 63,36 | ISOPIMARA-8,15-DIENE | 0,07 |
| 125 | 63,96 | THYMOL | 0,02 |
| 126 | 64,10 | AROMATIC COMPOUND | 0,04 |
| 127 | 64,12 | 4-VINYL-GUAIACOL | 0,05 |
| 128 | 64,57 | ISOCARVACROL | 0,02 |
| 129 | 65,10 | CARVACROL | 0,09 |
| 130 | 66,08 | beta-EUDESMOL | 0,01 |
| 131 | 66,84 | DITERPENE Mw=272 | 0,01 |
| 132 | 67,40 | COMPOUND Mw=270 | 0,03 |
| 133 | 68,59 | SESQUITERPENIC EPOXIDE | 0,16 |
| 134 | 69,08 | ALIPHATIC ESTER | 0,03 |
| 135 | 69,14 | CARYOPHYLLA-2,7-DIEN-5-alpha-OL | 0,04 |
| 136 | 70,95 | SESQUITERPENIC EPOXIDE | 0,08 |
| 137 | 71,22 | DITERPENE Mw=272 | 0,04 |
| 138 | 71,75 | AROMATIC COMPOUND | 0,02 |
| 139 | 72,77 | SESQUITERPENIC EPOXIDE | 0,04 |
| 140 | 75,15 | SESQUITERPENIC EPOXIDE | 0,02 |
| 141 | 85,44 | Epi-MANOOL | 0,45 |
| 142 | 87,64 | SESQUITERPENOL | 0,02 |
| | | TOTAL | 99,97 |

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