

Certificate of Analysis

Product: Cistus ladaniferus organic 6891

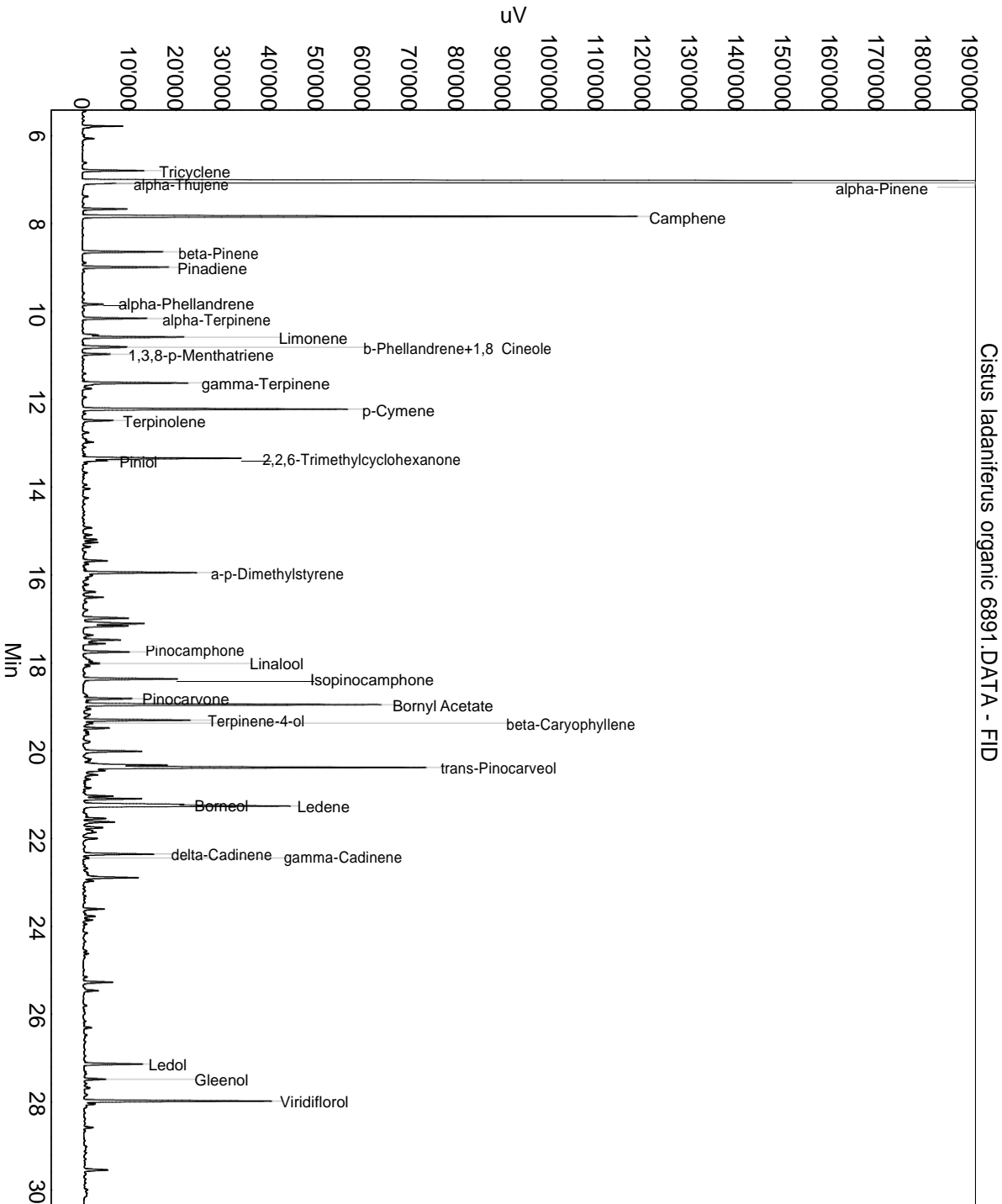
Lot: 6891

Date of analysis: 12.06.2020 14:28:15

System: GC-430 FID

Column: BGB Wax 60m / 0.25mm / 0.25um

Method: 180306 essential basis 60min



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| Index | Name | Time [Min] | Area [uV.Min] | Area % [%] | Allergene |
|-------|------------------------------|------------|---------------|------------|---------------------------|
| 1 | | 6.07 | 74.9 | 0.116 | |
| 2 | | 6.62 | 31.1 | 0.048 | |
| 3 | Tricyclene | 6.80 | 383.2 | 0.594 | |
| 4 | alpha-Pinene | 7.06 | 31744.9 | 49.240 | |
| 5 | alpha-Thujene | 7.08 | 104.5 | 0.162 | |
| 6 | | 7.38 | 41.2 | 0.064 | |
| 7 | | 7.67 | 288.5 | 0.447 | |
| 8 | Camphene | 7.84 | 3470.4 | 5.383 | |
| 9 | beta-Pinene | 8.65 | 530.6 | 0.823 | |
| 10 | | 8.89 | 23.1 | 0.036 | |
| 11 | Pinadiene | 8.99 | 558.0 | 0.866 | |
| 12 | alpha-Phellandrene | 9.84 | 134.2 | 0.208 | |
| 13 | alpha-Terpinene | 10.16 | 419.8 | 0.651 | |
| 14 | Limonene | 10.59 | 535.2 | 0.830 | Directive 2003/15EC (7th) |
| 15 | b-Phellandrene+1,8 Cineole | 10.81 | 411.9 | 0.639 | |
| 16 | 1,3,8-p-Menthatriene | 10.97 | 185.5 | 0.288 | |
| 17 | gamma-Terpinene | 11.63 | 691.2 | 1.072 | |
| 18 | | 11.66 | 73.1 | 0.113 | |
| 19 | | 11.76 | 66.0 | 0.102 | |
| 20 | | 11.96 | 32.4 | 0.050 | |
| 21 | p-Cymene | 12.22 | 1756.5 | 2.725 | |
| 22 | Terpinolene | 12.48 | 213.3 | 0.331 | |
| 23 | | 12.76 | 52.8 | 0.082 | |
| 24 | | 12.92 | 40.6 | 0.063 | |
| 25 | | 12.98 | 85.5 | 0.133 | |
| 26 | | 13.09 | 21.0 | 0.033 | |
| 27 | 2,2,6-Trimethylcyclohexanone | 13.34 | 1093.4 | 1.696 | |
| 28 | Piniol | 13.40 | 170.6 | 0.265 | |
| 29 | | 13.46 | 32.5 | 0.050 | |
| 30 | | 13.67 | 34.3 | 0.053 | |
| 31 | | 13.95 | 31.9 | 0.049 | |
| 32 | | 14.04 | 47.7 | 0.074 | |
| 33 | | 14.25 | 47.4 | 0.074 | |
| 34 | | 14.93 | 68.6 | 0.106 | |
| 35 | | 15.09 | 75.5 | 0.117 | |
| 36 | | 15.20 | 129.2 | 0.200 | |
| 37 | | 15.26 | 113.2 | 0.176 | |
| 38 | | 15.36 | 57.3 | 0.089 | |

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|-------|---------------------|------------|---------------|------------|---------------------------|
| 39 | | 15.48 | 30.0 | 0.047 | |
| 40 | | 15.68 | 177.8 | 0.276 | |
| 41 | | 15.75 | 43.3 | 0.067 | |
| 42 | a-p-Dimethylstyrene | 15.95 | 778.6 | 1.208 | |
| 43 | | 16.01 | 112.1 | 0.174 | |
| 44 | | 16.09 | 49.6 | 0.077 | |
| 45 | | 16.22 | 45.0 | 0.070 | |
| 46 | | 16.39 | 94.1 | 0.146 | |
| 47 | | 16.51 | 140.1 | 0.217 | |
| 48 | | 16.80 | 52.6 | 0.082 | |
| 49 | | 16.98 | 384.3 | 0.596 | |
| 50 | | 17.11 | 545.6 | 0.846 | |
| 51 | | 17.16 | 320.1 | 0.497 | |
| 52 | | 17.37 | 83.7 | 0.130 | |
| 53 | | 17.48 | 299.7 | 0.465 | |
| 54 | | 17.57 | 157.5 | 0.244 | |
| 55 | Pinocamphone | 17.75 | 347.4 | 0.539 | |
| 56 | | 17.97 | 136.6 | 0.212 | |
| 57 | Linalool | 18.01 | 118.7 | 0.184 | Directive 2003/15EC (7th) |
| 58 | | 18.07 | 60.5 | 0.094 | |
| 59 | Isopinocamphone | 18.37 | 700.1 | 1.086 | |
| 60 | Pinocarvone | 18.82 | 338.2 | 0.525 | |
| 61 | | 18.87 | 25.5 | 0.040 | |
| 62 | Bornyl Acetate | 18.95 | 2026.1 | 3.143 | |
| 63 | | 19.05 | 66.5 | 0.103 | |
| 64 | | 19.18 | 83.9 | 0.130 | |
| 65 | Terpinene-4-ol | 19.30 | 729.9 | 1.132 | |
| 66 | beta-Caryophyllene | 19.37 | 101.2 | 0.157 | |
| 67 | | 19.49 | 185.1 | 0.287 | |
| 68 | | 19.57 | 44.4 | 0.069 | |
| 69 | | 19.63 | 66.5 | 0.103 | |
| 70 | | 19.79 | 86.9 | 0.135 | |
| 71 | | 20.01 | 500.9 | 0.777 | |
| 72 | | 20.19 | 123.7 | 0.192 | |
| 73 | | 20.33 | 658.2 | 1.021 | |
| 74 | trans-Pinocarveol | 20.38 | 2466.9 | 3.826 | |
| 75 | | 20.46 | 205.9 | 0.319 | |
| 76 | | 20.55 | 149.6 | 0.232 | |

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|-------|----------------|------------|---------------|------------|-----------|
| 77 | | 20.65 | 62.4 | 0.097 | |
| 78 | | 20.71 | 46.3 | 0.072 | |
| 79 | | 20.85 | 74.2 | 0.115 | |
| 80 | | 21.03 | 224.6 | 0.348 | |
| 81 | | 21.10 | 413.3 | 0.641 | |
| 82 | Borneol | 21.22 | 584.1 | 0.906 | |
| 83 | Ledene | 21.26 | 1541.1 | 2.390 | |
| 84 | | 21.44 | 21.0 | 0.033 | |
| 85 | | 21.48 | 33.1 | 0.051 | |
| 86 | | 21.54 | 164.0 | 0.254 | |
| 87 | | 21.62 | 234.3 | 0.363 | |
| 88 | | 21.75 | 144.4 | 0.224 | |
| 89 | | 21.82 | 39.1 | 0.061 | |
| 90 | | 21.86 | 49.1 | 0.076 | |
| 91 | | 22.00 | 116.3 | 0.180 | |
| 92 | delta-Cadinene | 22.35 | 503.0 | 0.780 | |
| 93 | gamma-Cadinene | 22.45 | 43.9 | 0.068 | |
| 94 | | 22.89 | 421.3 | 0.653 | |
| 95 | | 22.97 | 68.9 | 0.107 | |
| 96 | | 23.61 | 150.0 | 0.233 | |
| 97 | | 23.77 | 79.2 | 0.123 | |
| 98 | | 23.86 | 67.0 | 0.104 | |
| 99 | | 23.95 | 23.9 | 0.037 | |
| 100 | | 24.15 | 41.2 | 0.064 | |
| 101 | | 24.56 | 29.2 | 0.045 | |
| 102 | | 24.62 | 31.9 | 0.049 | |
| 103 | | 25.15 | 31.1 | 0.048 | |
| 104 | | 25.27 | 226.5 | 0.351 | |
| 105 | | 25.46 | 132.7 | 0.206 | |
| 106 | | 26.31 | 58.1 | 0.090 | |
| 107 | Ledol | 27.13 | 433.5 | 0.672 | |
| 108 | Gleenol | 27.48 | 148.8 | 0.231 | |
| 109 | | 27.68 | 47.3 | 0.073 | |
| 110 | Viridiflorol | 27.98 | 1300.0 | 2.016 | |
| 111 | | 28.04 | 113.7 | 0.176 | |
| 112 | | 28.58 | 65.6 | 0.102 | |
| 113 | | 29.54 | 198.7 | 0.308 | |
| 114 | | 29.64 | 22.1 | 0.034 | |

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|-------|------|---------------|------------------|---------------|-----------|
| 115 | | 29.99 | 21.2 | 0.033 | |
| 116 | | 30.53 | 55.6 | 0.086 | |
| | | | | | |
| Total | | | 64469.3 | 100.000 | |

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