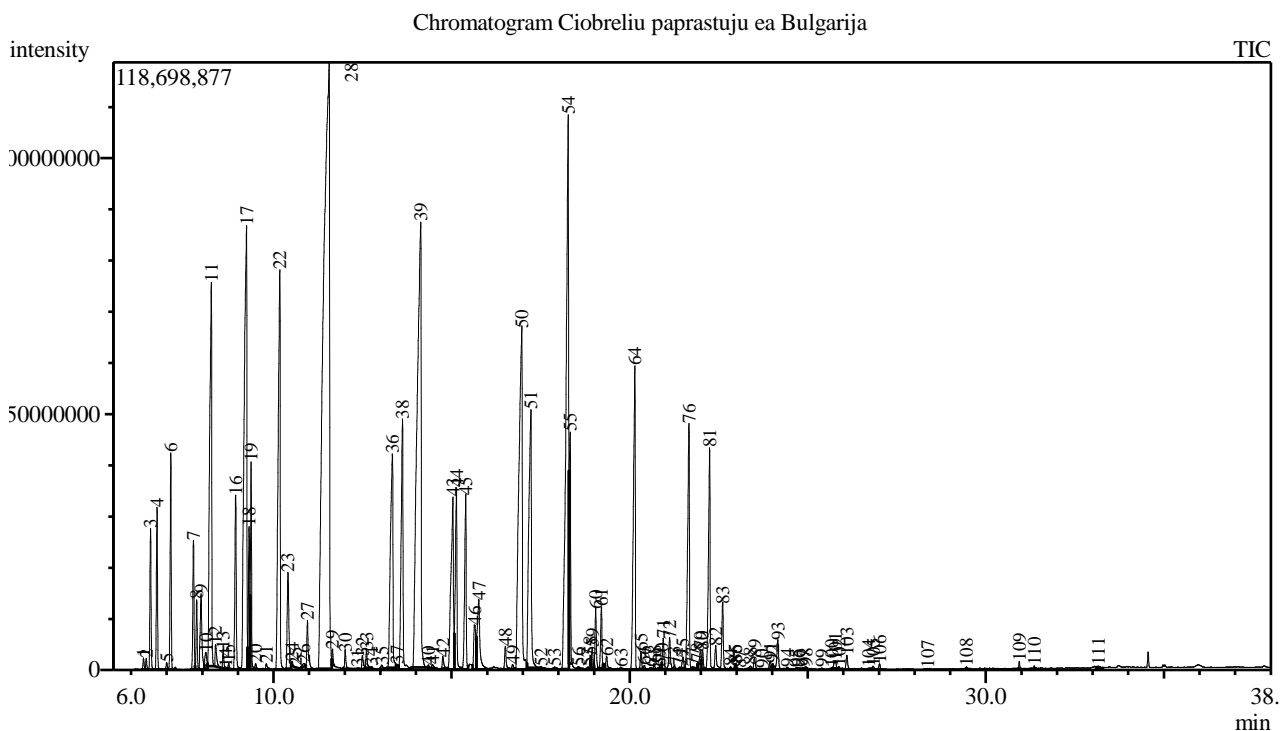


Analysis numb.: GC607
 Analysis date: 2018 10 29
 Sample name: iobreli paprast j ea
 Botanical name: Thymus serpyllum
 Sample batch num: TSDSSBEO0115
 Sample origin: Bulgarija
 Best before:



Peak Report TIC

| Peak# | R.Time | Area | Area% | Name |
|-------|--------|-----------|-------|---------------------------------|
| 1 | 6.349 | 4490754 | 0.06 | Unknown |
| 2 | 6.426 | 4288815 | 0.06 | Tricyclene |
| 3 | 6.547 | 59811300 | 0.86 | Thujene <alpha-> |
| 4 | 6.730 | 67021203 | 0.96 | Pinene <alpha-> |
| 5 | 6.998 | 3071464 | 0.04 | Thuja-2,4(9,10)-diene |
| 6 | 7.115 | 89320833 | 1.28 | Camphene |
| 7 | 7.751 | 59455201 | 0.85 | Sabinene |
| 8 | 7.842 | 29359651 | 0.42 | Pinene <beta-> |
| 9 | 7.965 | 49791328 | 0.71 | 1-Octen-3-ol |
| 10 | 8.098 | 13019856 | 0.19 | Octan-3-one |
| 11 | 8.253 | 298893298 | 4.28 | Myrcene |
| 12 | 8.375 | 12922380 | 0.18 | Hexanol <ethyl-> |
| 13 | 8.588 | 8018800 | 0.11 | Phellandrene <alpha-> |
| 14 | 8.661 | 500435 | 0.01 | Linalool oxide <dehydro-, cis-> |
| 15 | 8.742 | 2530076 | 0.04 | Carene <delta-3-> |
| 16 | 8.938 | 92706396 | 1.33 | Terpinene <alpha-> |
| 17 | 9.242 | 451869978 | 6.47 | Cymene <para-> |
| 18 | 9.315 | 71501093 | 1.02 | Limonene* |
| 19 | 9.371 | 80473565 | 1.15 | Eucalyptol |
| 20 | 9.498 | 3774131 | 0.05 | Ocimene <cis-, beta-> |
| 21 | 9.798 | 3204754 | 0.05 | Ocimene <trans-, beta-> |
| 22 | 10.177 | 307262537 | 4.40 | Terpinene <gamma-> |
| 23 | 10.406 | 61578727 | 0.88 | Sabinene hydrate <cis-> |
| 24 | 10.519 | 2081593 | 0.03 | Linalool oxide <cis-> |

| Peak# | R.Time | Area | Area% | Name |
|-------|--------|------------|-------|--|
| 25 | 10.613 | 366026 | 0.01 | 1-Octanol |
| 26 | 10.853 | 3732113 | 0.05 | 1-Nonen-3-ol |
| 27 | 10.953 | 30041449 | 0.43 | Terpinolene |
| 28 | 11.564 | 1379268095 | 19.74 | Linalool* |
| 29 | 11.654 | 6290278 | 0.09 | Octene <3-acetoxy-> |
| 30 | 12.018 | 9918896 | 0.14 | Menth-2-en-1-ol <cis-, para-> |
| 31 | 12.359 | 566903 | 0.01 | Menthatriene<1,3,8-para-> |
| 32 | 12.501 | 8280856 | 0.12 | Menth-2-en-1ol <trans-para-> |
| 33 | 12.611 | 8601565 | 0.12 | Camphor |
| 34 | 12.753 | 1439346 | 0.02 | Verbenol <trans-> |
| 35 | 13.042 | 2935615 | 0.04 | 1,5,7-Octatrien-3-ol, 2,6-dimethyl- |
| 36 | 13.337 | 203499889 | 2.91 | Isoborneol |
| 37 | 13.464 | 713189 | 0.01 | 1-Nonanol |
| 38 | 13.622 | 180267440 | 2.58 | Terpinen-4-ol |
| 39 | 14.135 | 680645698 | 9.74 | Terpineol <alpha-> |
| 40 | 14.352 | 1144509 | 0.02 | Carvone <(Z)-, dihydro-> |
| 41 | 14.466 | 2677589 | 0.04 | Piperitol <cis-> |
| 42 | 14.758 | 7169106 | 0.10 | 1H-3a,7-Methanoazulene, octahydro-1,4,9,9- |
| 43 | 15.036 | 159712312 | 2.29 | Dihydro carveol<neoiso-> + Carveol <cis-> |
| 44 | 15.137 | 111606965 | 1.60 | Thymol methyl ether |
| 45 | 15.400 | 104743577 | 1.50 | Carvacrol methyl ether |
| 46 | 15.653 | 39248314 | 0.56 | Linalyl acetate |
| 47 | 15.765 | 68764380 | 0.98 | Geraniol* |
| 48 | 16.514 | 13784216 | 0.20 | Bornyl acetate |
| 49 | 16.718 | 3444040 | 0.05 | Unknown |
| 50 | 16.971 | 436432237 | 6.24 | Thymol |
| 51 | 17.228 | 252299640 | 3.61 | Carvacrol |
| 52 | 17.512 | 1111878 | 0.02 | Unknown |
| 53 | 17.892 | 1092659 | 0.02 | Elemene <delta-> |
| 54 | 18.273 | 534708011 | 7.65 | Unknown |
| 55 | 18.329 | 118443033 | 1.69 | Terpinyl acetate <alpha-> |
| 56 | 18.568 | 1355044 | 0.02 | Neryl acetate + Eugenol** |
| 57 | 18.822 | 945661 | 0.01 | Carvacrol acetate |
| 58 | 18.891 | 5284057 | 0.08 | Unknown |
| 59 | 18.951 | 10074810 | 0.14 | Copaene <alpha-> |
| 60 | 19.049 | 30880325 | 0.44 | Geranyl acetate |
| 61 | 19.206 | 31701524 | 0.45 | Bourbonene <beta-> |
| 62 | 19.356 | 9644055 | 0.14 | Elemene <beta-> |
| 63 | 19.755 | 2338019 | 0.03 | Caryophyllene <(Z)-> + Gurjunene <alpha-> |
| 64 | 20.148 | 218271913 | 3.12 | Caryophyllene <(E)-> |
| 65 | 20.317 | 8663611 | 0.12 | Copaene <beta-> |
| 66 | 20.410 | 2270786 | 0.03 | Bergamotene <alpha-, trans-> |
| 67 | 20.591 | 1201272 | 0.02 | Farnesene <(Z)-, beta-> |
| 68 | 20.691 | 3389286 | 0.05 | Isogermacrene D + Cadina-3,5-diene |
| 69 | 20.850 | 596826 | 0.01 | Muurola-3,5-diene <trans-> |
| 70 | 20.900 | 1486977 | 0.02 | Farnesene <(E)-, beta-> |
| 71 | 20.943 | 17276282 | 0.25 | Humulene <alpha-> |
| 72 | 21.125 | 19513495 | 0.28 | Alloaromadendrene |
| 73 | 21.254 | 1393432 | 0.02 | Cadina-1(6),4-diene <cis-> |
| 74 | 21.399 | 977896 | 0.01 | Cadina-1(6),4-diene <trans-> |
| 75 | 21.498 | 7012160 | 0.10 | Murolene <gamma-> |
| 76 | 21.667 | 167478313 | 2.40 | Germacrene D |
| 77 | 21.764 | 603572 | 0.01 | Selinene <beta-> |
| 78 | 21.902 | 3316741 | 0.05 | Amorphene <gamma-> |
| 79 | 21.988 | 7115736 | 0.10 | Bicyclgermacrene |
| 80 | 22.046 | 9142897 | 0.13 | Murolene <alpha-> |
| 81 | 22.245 | 135174794 | 1.93 | Bisabolene <beta-> |
| 82 | 22.420 | 15848936 | 0.23 | Cadinene <gamma-> |
| 83 | 22.615 | 38150012 | 0.55 | Cadinene <delta-> |
| 84 | 22.836 | 1879065 | 0.03 | Cadina-1,4-diene <trans-> |
| 85 | 22.958 | 2419418 | 0.03 | Cadinene <alpha-> |
| 86 | 22.976 | 1749952 | 0.03 | Bisabolene <(E)-, alpha-> |
| 87 | 23.096 | 447122 | 0.01 | Calacorene <alpha-> |
| 88 | 23.392 | 2524521 | 0.04 | Unknown |
| 89 | 23.509 | 7383069 | 0.11 | Nerolidol <(E)-> |
| 90 | 23.722 | 1282404 | 0.02 | Hexyl benzoate <(3Z)-> |
| 91 | 23.947 | 4869255 | 0.07 | Germacrene D-4-ol |
| 92 | 24.021 | 1491517 | 0.02 | Spathulenol |
| 93 | 24.163 | 20025128 | 0.29 | Caryophyllene oxide |

| Peak# | R.Time | Area | Area% | Name |
|-------|--------|------------|--------|--|
| 94 | 24.427 | 2070481 | 0.03 | Salvial-4(14)-en-1-one |
| 95 | 24.666 | 851798 | 0.01 | Elemenone <trans-, beta-> |
| 96 | 24.738 | 766305 | 0.01 | Ledol |
| 97 | 24.860 | 1627583 | 0.02 | Oplophenone <beta-> |
| 98 | 24.956 | 2544252 | 0.04 | Cubenol <1,10-di-epi-> |
| 99 | 25.400 | 810610 | 0.01 | Epicubenol |
| 100 | 25.673 | 807271 | 0.01 | Caryophylla-4(12),8(13)-dien-5alpha-ol |
| 101 | 25.773 | 6144980 | 0.09 | Cadinol <epi-, alpha-> + T-Muurolol |
| 102 | 25.877 | 2213584 | 0.03 | Muurolol <alpha-> |
| 103 | 26.103 | 9970897 | 0.14 | Cadinol <alpha-> |
| 104 | 26.717 | 453747 | 0.01 | Eudesma-4(15),7-dien-1beta-ol |
| 105 | 26.839 | 2917115 | 0.04 | Germacra-4(15),5,10(14)-trien-1-alpha-ol |
| 106 | 27.020 | 2856747 | 0.04 | Germacrone |
| 107 | 28.370 | 532270 | 0.01 | Guaiac acetate |
| 108 | 29.460 | 1206643 | 0.02 | Phytone |
| 109 | 30.944 | 3126945 | 0.04 | Camphorene <m-> |
| 110 | 31.366 | 1486405 | 0.02 | Camphorene <p-> |
| 111 | 33.157 | 3250322 | 0.05 | Squalene |
| | | 6988715830 | 100.00 | |

Kosmetiniai alergenai: *-silpnas, **-vidutinio stiprumo, ***- stiprus alergenai

Analiz atliko

dr. Jurga B dien