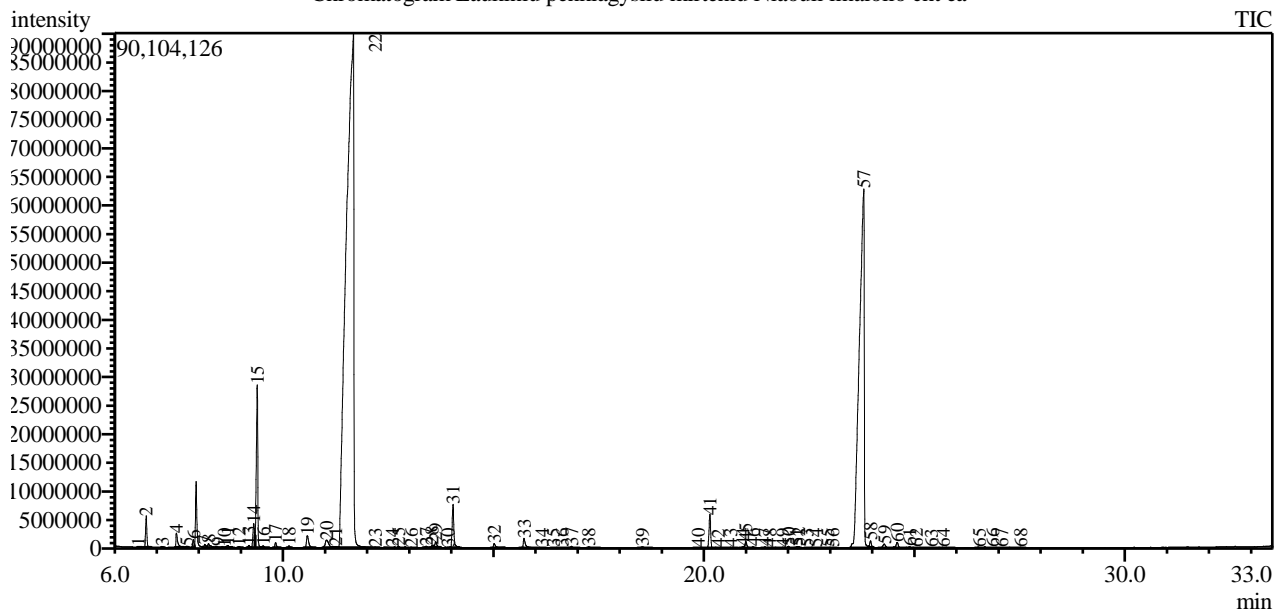


Analysis numb.: GC348
 Analysis date: 2016 11 21
 Sample name: Laukini penkiagysli mirteni (niaoulio) linalolio cht. grynasis ea
 Botanical name: Melaleuca quinquenervia (Niaouli) CT linalol
 Sample batch num: (B)P171747/PS15005439
 Sample origin: Australia
 Best before: 2019 11

Chromatogram Laukiniu penkiagysliu mirteniu Niaouli linalolio cht ea



Peak Report TIC

| Peak# | R.Time | Area | Area% | Name |
|-------|--------|------------|-------|------------------------------------|
| 1 | 6.568 | 91901 | 0.01 | Thujene <alpha-> |
| 2 | 6.752 | 11216878 | 0.61 | Pinene <alpha-> |
| 3 | 7.136 | 73923 | 0.00 | Camphene |
| 4 | 7.466 | 6833833 | 0.37 | Benzaldehyde |
| 5 | 7.717 | 322264 | 0.02 | Bois de Rose oxide |
| 6 | 7.872 | 2804273 | 0.15 | Pinene <beta-> |
| 7 | 8.141 | 1626415 | 0.09 | Hept-5-en-2-one <6-methyl-> |
| 8 | 8.231 | 2691991 | 0.15 | Myrcene |
| 9 | 8.450 | 329215 | 0.02 | Decane |
| 10 | 8.603 | 154025 | 0.01 | Phellandrene <alpha-> |
| 11 | 8.688 | 1141321 | 0.06 | Hex-(3Z)-enyl acetate |
| 12 | 8.958 | 317236 | 0.02 | Terpinene <alpha-> |
| 13 | 9.191 | 991205 | 0.05 | Cymene <para-> |
| 14 | 9.306 | 11755906 | 0.64 | Limonene* |
| 15 | 9.388 | 68706846 | 3.74 | Eucalyptol |
| 16 | 9.529 | 869109 | 0.05 | Ocimene <cis-, beta-> |
| 17 | 9.825 | 2144717 | 0.12 | Ocimene <trans-, beta-> |
| 18 | 10.143 | 705164 | 0.04 | Terpinene <gamma-> |
| 19 | 10.579 | 7522423 | 0.41 | Linalool oxide <cis-> |
| 20 | 11.036 | 7772196 | 0.42 | Linalool oxide <trans-> |
| 21 | 11.254 | 983168 | 0.05 | Methyl benzoate |
| 22 | 11.671 | 1116514264 | 60.81 | Linalool* |
| 23 | 12.197 | 568457 | 0.03 | Ocimene <allo-> |
| 24 | 12.597 | 347916 | 0.02 | Menth-2-en-1-ol <trans-, beta-> |
| 25 | 12.747 | 856970 | 0.05 | Isopulegol |
| 26 | 13.047 | 453576 | 0.02 | Isopulegol |
| 27 | 13.405 | 960930 | 0.05 | Linalool oxide <cis-> (pyranoid) |
| 28 | 13.539 | 1212232 | 0.07 | Linalool oxide <trans-> (pyranoid) |
| 29 | 13.628 | 3323887 | 0.18 | Terpinen-4-ol |

| Peak# | R.Time | Area | Area% | Name |
|-------|--------|------------|--------|---|
| 30 | 13.919 | 327048 | 0.02 | Cymen-8-ol <para-> |
| 31 | 14.040 | 21071901 | 1.15 | Terpineol <alpha-> |
| 32 | 15.023 | 2512860 | 0.14 | Nerol |
| 33 | 15.731 | 6199119 | 0.34 | Geraniol* |
| 34 | 16.157 | 134663 | 0.01 | Geranial |
| 35 | 16.419 | 118277 | 0.01 | Perilla aldehyde |
| 36 | 16.629 | 617497 | 0.03 | Decadienal <(2E,4Z)-> |
| 37 | 16.858 | 824026 | 0.04 | Unknown |
| 38 | 17.267 | 750317 | 0.04 | Decadienal <(2E,4E)-> |
| 39 | 18.541 | 1015989 | 0.06 | Eugenol** |
| 40 | 19.866 | 320033 | 0.02 | Gurjunene <alpha-> |
| 41 | 20.146 | 15837393 | 0.86 | Caryophyllene |
| 42 | 20.345 | 90929 | 0.00 | Ylangene <beta-> |
| 43 | 20.637 | 589854 | 0.03 | Aromadendrene |
| 44 | 20.933 | 568096 | 0.03 | Farnesene <(E)-, beta-> |
| 45 | 20.996 | 3169116 | 0.17 | Humulene <alpha-> |
| 46 | 21.177 | 834946 | 0.05 | Aromadendrene <allo-> + Ageratochromene |
| 47 | 21.453 | 544503 | 0.03 | 2,5,5-Trimethyl-3-hexyn-2-ol |
| 48 | 21.561 | 393374 | 0.02 | Cabreuva oxide B |
| 49 | 21.873 | 674752 | 0.04 | Selinene <beta-> + Zingiberene <alpha-> |
| 50 | 22.012 | 1109361 | 0.06 | Viridiflorene |
| 51 | 22.198 | 478948 | 0.03 | Farnesene <(E,E)-, alpha-> |
| 52 | 22.257 | 483113 | 0.03 | Bisabolene <beta-> |
| 53 | 22.454 | 275122 | 0.01 | Cadinene <gamma-> |
| 54 | 22.657 | 398710 | 0.02 | Cadinene <delta-> |
| 55 | 22.937 | 457818 | 0.02 | Nerolidol <(Z)-> |
| 56 | 23.063 | 332297 | 0.02 | Bisabolene <(E)-, alpha-> |
| 57 | 23.800 | 506992003 | 27.61 | Nerolidol <(E)-> |
| 58 | 23.957 | 3001068 | 0.16 | Unknown |
| 59 | 24.294 | 3913543 | 0.21 | Caryophyllene oxide |
| 60 | 24.597 | 3714428 | 0.20 | Viridiflorol |
| 61 | 24.890 | 781367 | 0.04 | Ledol |
| 62 | 25.050 | 335673 | 0.02 | Humulene epoxide II |
| 63 | 25.404 | 244207 | 0.01 | Eudesmol <beta-> |
| 64 | 25.684 | 989167 | 0.05 | Unknown |
| 65 | 26.543 | 982416 | 0.05 | Bisabolol <epi-, alpha-> |
| 66 | 26.863 | 776682 | 0.04 | Bisabolol <apha-> |
| 67 | 27.081 | 305021 | 0.02 | Farnesol <(2Z,6Z)->** |
| 68 | 27.530 | 551146 | 0.03 | Farnesol <(2E,6E)->** |
| | | 1836009024 | 100.00 | |

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

Analiz atliko

dr. Jurga B dien