

Analysis numb.: GC317

Analysis date: 2016 08 18

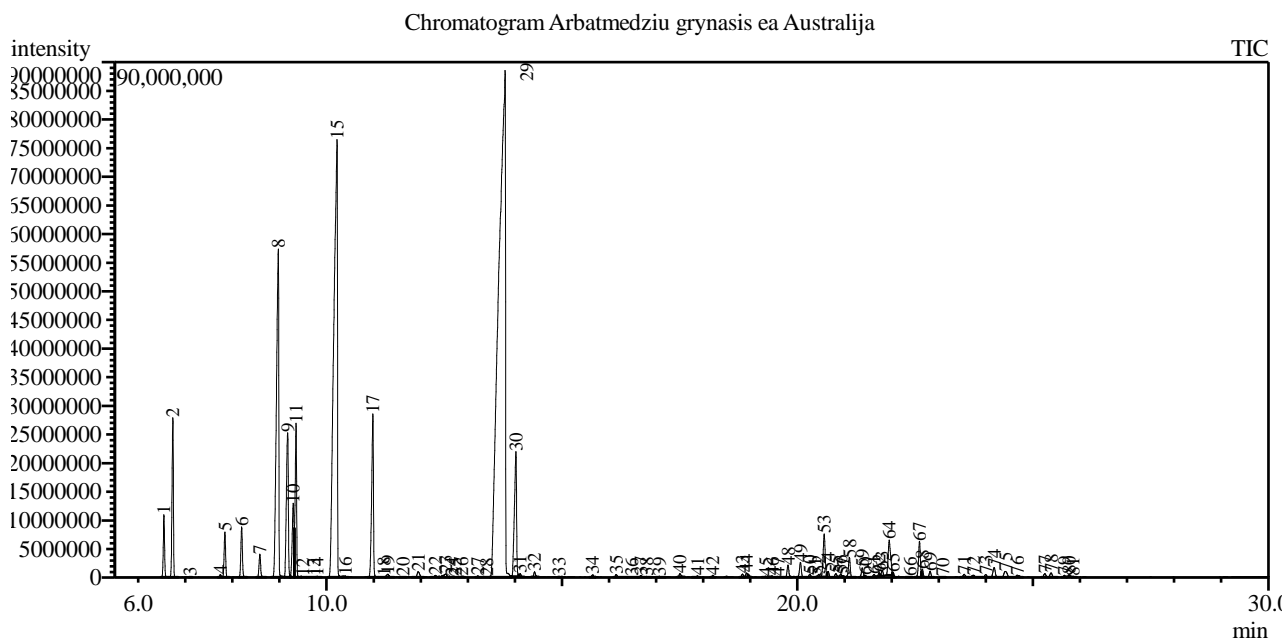
Sample name: Laukini pražangi j mirteni "arbatmedži" grynasis eterinis aliejus

Botanical name: Melaleuca alternifolia (Tea tree bush still)

Sample batch num: PN175235

Sample origin: Australia

Best before: 2021 03



Peak Report TIC

| Peak# | R.Time | Area | Area% | Name |
|-------|--------|-----------|-------|--|
| 1 | 6.547 | 21942947 | 1.05 | Thujene <alpha-> |
| 2 | 6.737 | 56419309 | 2.69 | Pinene <alpha-> |
| 3 | 7.104 | 259491 | 0.01 | Camphene |
| 4 | 7.745 | 1042620 | 0.05 | Sabinene |
| 5 | 7.841 | 16828948 | 0.80 | Pinene <beta-> |
| 6 | 8.196 | 19331572 | 0.92 | Myrcene |
| 7 | 8.582 | 9801547 | 0.47 | Phellandrene <alpha-> |
| 8 | 8.976 | 202822666 | 9.68 | Terpinene <alpha-> |
| 9 | 9.175 | 71689690 | 3.42 | Cymene <para-> |
| 10 | 9.293 | 36903761 | 1.76 | Limonene* |
| 11 | 9.354 | 57128168 | 2.73 | Eucalyptol |
| 12 | 9.497 | 186687 | 0.01 | Ocimene <cis-, beta-> |
| 13 | 9.726 | 135658 | 0.01 | 1,3-Cyclopentadiene, 1,3-bis(1-methylethyl)- |
| 14 | 9.800 | 502107 | 0.02 | Ocimene <trans-, beta-> |
| 15 | 10.222 | 404598388 | 19.30 | Terpinene <gamma-> |
| 16 | 10.395 | 808198 | 0.04 | Sabinene hydrate <cis-> |
| 17 | 10.983 | 74141695 | 3.54 | Terpinolene |
| 18 | 11.223 | 411619 | 0.02 | Undecane |
| 19 | 11.300 | 1917052 | 0.09 | Linalool* |
| 20 | 11.624 | 344708 | 0.02 | Menthatriene<1,3,8-para-> |
| 21 | 11.948 | 3563631 | 0.17 | Menth-2-en-1-ol <cis-, para-> |
| 22 | 12.311 | 1285413 | 0.06 | Mentha-2,8-dien-1-ol <cis-, para-> |
| 23 | 12.529 | 3337620 | 0.16 | Menth-2-en-1-ol <trans-para-> |
| 24 | 12.671 | 593842 | 0.03 | Camphor + Unknown |
| 25 | 12.737 | 436689 | 0.02 | Camphene hydrate |
| 26 | 12.875 | 911829 | 0.04 | Unknown |
| 27 | 13.212 | 612016 | 0.03 | Unknown |
| 28 | 13.403 | 504571 | 0.02 | Borneol |
| 29 | 13.786 | 883853344 | 42.16 | Terpinen-4-ol |

| Peak# | R.Time | Area | Area% | Name |
|-------|--------|------------|--------|---|
| 30 | 14.022 | 67970331 | 3.24 | Terpineol <alpha-> |
| 31 | 14.109 | 1518365 | 0.07 | Piperitol <cis-> |
| 32 | 14.416 | 2389349 | 0.11 | Piperitol <trans-> |
| 33 | 14.941 | 418012 | 0.02 | Nerol |
| 34 | 15.648 | 1233791 | 0.06 | Unknown |
| 35 | 16.155 | 1490920 | 0.07 | Ascaridol glycol <trans-> |
| 36 | 16.483 | 300700 | 0.01 | Terpinen-7-al <alpha-> |
| 37 | 16.679 | 989278 | 0.05 | Ascaridol glycol |
| 38 | 16.802 | 589641 | 0.03 | Tridecane <n-> + Thymol |
| 39 | 17.070 | 909874 | 0.04 | Carvacrol |
| 40 | 17.503 | 1673902 | 0.08 | Unknown |
| 41 | 17.881 | 772718 | 0.04 | Elemene <delta-> |
| 42 | 18.204 | 823505 | 0.04 | Cubebene <alpha-> |
| 43 | 18.834 | 1464048 | 0.07 | Ylangene <alpha-> |
| 44 | 18.918 | 1703816 | 0.08 | Copaena <alpha-> |
| 45 | 19.325 | 619752 | 0.03 | Elemene <beta-> |
| 46 | 19.464 | 1472192 | 0.07 | Unknown+ + Unknown |
| 47 | 19.590 | 553740 | 0.03 | Methyleugenol |
| 48 | 19.803 | 6014179 | 0.29 | Gurjunene <alpha-> |
| 49 | 20.069 | 7106811 | 0.34 | Caryophyllene |
| 50 | 20.268 | 1577111 | 0.08 | Maaliene <gamma-> |
| 51 | 20.378 | 221030 | 0.01 | Gurjunene <beta-> |
| 52 | 20.452 | 1113540 | 0.05 | Maaliene <alpha-> |
| 53 | 20.569 | 22425963 | 1.07 | Aromadendrene |
| 54 | 20.651 | 2354637 | 0.11 | Myltayl-4(12)-ene |
| 55 | 20.820 | 1953212 | 0.09 | Muurola-3,5-diene<trans-> |
| 56 | 20.920 | 1300861 | 0.06 | Humulene <alpha-> |
| 57 | 20.977 | 446349 | 0.02 | Valerena-4,7(11)-diene |
| 58 | 21.108 | 9316176 | 0.44 | Alloaromadendrene |
| 59 | 21.378 | 4572329 | 0.22 | Cadina-1(6),4-diene |
| 60 | 21.446 | 561427 | 0.03 | Muurolene <gamma-> |
| 61 | 21.632 | 1642261 | 0.08 | Menthane-1,2,4-triol <p-, (1S,2S,4S)-, (+)- > |
| 62 | 21.735 | 1678390 | 0.08 | Selinene <beta-> |
| 63 | 21.801 | 2428633 | 0.12 | Guaiene <cis-beta-> |
| 64 | 21.950 | 21990294 | 1.05 | Viridiflorene |
| 65 | 22.031 | 1547789 | 0.07 | Muurolene <alpha-> |
| 66 | 22.388 | 363688 | 0.02 | Cadinene <gamma-> |
| 67 | 22.594 | 17160640 | 0.82 | Cadinene <delta-> |
| 68 | 22.653 | 2844483 | 0.14 | Zonarene |
| 69 | 22.822 | 3025166 | 0.14 | Cadina-1,4-diene <trans-> |
| 70 | 23.083 | 308777 | 0.01 | Calacorene <alpha-> |
| 71 | 23.545 | 1777601 | 0.08 | Unknown |
| 72 | 23.740 | 1800615 | 0.09 | Palustrol |
| 73 | 24.005 | 1494742 | 0.07 | Spathulenol |
| 74 | 24.184 | 5918217 | 0.28 | Globulol |
| 75 | 24.421 | 4960685 | 0.24 | Viridiflorol + Cubeban-11-ol |
| 76 | 24.674 | 1917849 | 0.09 | Rosifoliol + Ledol |
| 77 | 25.259 | 2107066 | 0.10 | Eudesmol <beta-> |
| 78 | 25.392 | 2541451 | 0.12 | Epicubenol |
| 79 | 25.673 | 1093392 | 0.05 | Unknown |
| 80 | 25.771 | 1042166 | 0.05 | Cubenol |
| 81 | 25.858 | 482723 | 0.02 | Muurolol <alpha-> |
| | | 2096299973 | 100.00 | |

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

Analiz atliko

dr. Jurga B dien