

## Gázkromatográfiás vizsgálat



Termék neve:

Herby's - Nyugat-indiai Szantálfa olaj 10 ml FOOD GRADE

Latin név: Amyris balsamifera

Származási hely: Haiti

Kinyerés során felhasznált növényi rész: fa

Kinyerés módja: vízgőz-desztilláció

LOT szám: ISZO001

Viszkozitás: Folyékony

Szín: Sárga

Illat: Karakteres szantálfa, fás, balzsamos, fűszeres jegyekkel

| Peak<br># | RT<br>[min] | Type | Width<br>[min] | Area<br>[counts*s] | Height<br>[counts] | Area<br>% | Compound                             |
|-----------|-------------|------|----------------|--------------------|--------------------|-----------|--------------------------------------|
| 1         | 27.515      | BP   | 0.0454         | 778.09015          | 236.54698          | 0.063     |                                      |
| 2         | 28.806      | VB   | 0.0491         | 877.86371          | 237.70955          | 0.071     |                                      |
| 3         | 29.184      | PP   | 0.0477         | 718.79639          | 191.97322          | 0.058     |                                      |
| 4         | 29.750      | VV   | 0.0397         | 1137.23950         | 352.05722          | 0.092     |                                      |
| 5         | 29.839      | VP   | 0.0564         | 3159.52393         | 812.34100          | 0.255     | β-Caryophyllen                       |
| 6         | 30.260      | VP   | 0.0783         | 1399.74036         | 222.77460          | 0.113     |                                      |
| 7         | 30.691      | BV   | 0.0513         | 735.86163          | 185.38702          | 0.059     |                                      |
| 8         | 30.845      | VV   | 0.0518         | 6552.29590         | 1.92252e3          | 0.529     |                                      |
| 9         | 30.987      | VV   | 0.0484         | 1875.91541         | 471.35974          | 0.151     |                                      |
| 10        | 31.073      | VV   | 0.0406         | 1451.97278         | 475.19421          | 0.117     |                                      |
| 11        | 31.161      | VP   | 0.0553         | 1.51047e4          | 4.26934e3          | 1.220     |                                      |
| 12        | 31.409      | BP   | 0.0495         | 617.96497          | 173.86409          | 0.050     |                                      |
| 13        | 31.706      | VV   | 0.0561         | 1.21750e4          | 3.15044e3          | 0.983     |                                      |
| 14        | 31.817      | VP   | 0.0535         | 2.15421e4          | 6.21106e3          | 1.739     | ar-Curcumen                          |
| 15        | 31.983      | VV   | 0.0493         | 1085.44995         | 299.40939          | 0.088     |                                      |
| 16        | 32.097      | VP   | 0.0396         | 709.65613          | 246.16316          | 0.057     |                                      |
| 17        | 32.222      | VV   | 0.0517         | 3.03597e4          | 9.14343e3          | 2.451     |                                      |
| 18        | 32.300      | VB   | 0.0505         | 4020.09814         | 1.00938e3          | 0.325     |                                      |
| 19        | 32.646      | PV   | 0.0669         | 1.71212e4          | 3.77549e3          | 1.382     | Dihydroagrofuran                     |
| 20        | 32.794      | VV   | 0.0633         | 5474.85498         | 1.22235e3          | 0.442     |                                      |
| 21        | 33.181      | VV   | 0.0544         | 6.25453e4          | 1.72274e4          | 5.050     | β-Sesquiphellandren                  |
| 22        | 33.326      | VB   | 0.0778         | 874.99835          | 134.67766          | 0.071     |                                      |
| 23        | 33.717      | PP   | 0.0770         | 3445.31494         | 574.16504          | 0.278     |                                      |
| 24        | 33.894      | VV   | 0.0523         | 5897.86963         | 1.66495e3          | 0.476     | Selina-3,7(11)-dien                  |
| 25        | 34.106      | VV   | 0.0569         | 1.42823e5          | 3.55186e4          | 11.532    | Elemol                               |
| 26        | 34.227      | VV   | 0.0741         | 1785.45520         | 320.18970          | 0.144     |                                      |
| 27        | 34.359      | VB   | 0.0507         | 8559.08105         | 2.57745e3          | 0.691     |                                      |
| 28        | 34.913      | PV   | 0.0537         | 1654.53882         | 473.97580          | 0.134     |                                      |
| 29        | 35.292      | BP   | 0.0563         | 917.47900          | 217.32823          | 0.074     |                                      |
| 30        | 35.606      | PP   | 0.0638         | 721.45386          | 140.73547          | 0.058     |                                      |
| 31        | 35.832      | VV   | 0.0686         | 9602.71582         | 2.05196e3          | 0.775     |                                      |
| 32        | 35.941      | VV   | 0.0617         | 1.16741e4          | 2.85282e3          | 0.943     |                                      |
| 33        | 36.025      | VV   | 0.0522         | 4583.94336         | 1.29658e3          | 0.370     |                                      |
| 34        | 36.177      | VV   | 0.0740         | 1724.46008         | 319.26279          | 0.139     |                                      |
| 35        | 36.439      | VV   | 0.0613         | 9.10645e4          | 2.24511e4          | 7.353     | 10-epi-g-Eudesmol                    |
| 36        | 36.519      | VV   | 0.0550         | 2.21661e4          | 6.01682e3          | 1.790     |                                      |
| 37        | 36.742      | VV   | 0.0630         | 8.52950e4          | 2.07520e4          | 6.887     |                                      |
| 38        | 36.847      | VV   | 0.0475         | 1447.11560         | 427.52151          | 0.117     |                                      |
| 39        | 36.959      | VV   | 0.0677         | 6320.33057         | 1.39818e3          | 0.510     |                                      |
| 40        | 37.137      | VV   | 0.0731         | 1.17979e4          | 2.54604e3          | 0.953     |                                      |
| 41        | 37.464      | VV   | 0.1009         | 4.10396e5          | 5.44950e4          | 33.137    | β-Eudesmol/Valerianol/<br>α-Eudesmol |
| 42        | 37.636      | VV   | 0.0609         | 1.16708e5          | 2.96358e4          | 9.423     | 7-epi-α-Eudesmol                     |
| 43        | 37.731      | VV   | 0.0370         | 1324.74036         | 483.43475          | 0.107     |                                      |
| 44        | 37.800      | VV   | 0.0750         | 3424.70972         | 623.84161          | 0.277     |                                      |
| 45        | 37.975      | VV   | 0.0577         | 806.35663          | 178.63573          | 0.065     |                                      |
| 46        | 38.173      | VV   | 0.0725         | 2.03925e4          | 4.13869e3          | 1.647     |                                      |
| 47        | 38.261      | VV   | 0.0496         | 2377.76538         | 718.16724          | 0.192     |                                      |
| 48        | 38.376      | VV   | 0.0669         | 2706.65039         | 535.85046          | 0.219     |                                      |
| 49        | 38.512      | VP   | 0.0664         | 3248.36011         | 709.68298          | 0.262     |                                      |
| 50        | 38.698      | VP   | 0.0567         | 1.29197e4          | 3.52611e3          | 1.043     |                                      |
| 51        | 39.051      | BV   | 0.0424         | 438.28662          | 129.80913          | 0.035     |                                      |
| 52        | 39.151      | VP   | 0.0607         | 4072.46240         | 996.06079          | 0.329     |                                      |
| 53        | 39.474      | PV   | 0.0528         | 1169.86646         | 304.37659          | 0.094     |                                      |
| 54        | 39.813      | VV   | 0.0620         | 5027.07715         | 1.24656e3          | 0.406     |                                      |
| 55        | 40.012      | VV   | 0.0582         | 1.35497e4          | 3.49944e3          | 1.094     |                                      |
| 56        | 40.121      | VV   | 0.0518         | 829.87134          | 226.34937          | 0.067     |                                      |
| 57        | 40.276      | VB   | 0.0620         | 5590.77393         | 1.35788e3          | 0.451     |                                      |
| 58        | 40.698      | BV   | 0.0629         | 2.50811e4          | 6.23619e3          | 2.025     | Drimenol                             |
| 59        | 40.839      | VV   | 0.0481         | 516.88000          | 133.62933          | 0.042     |                                      |
| 60        | 40.930      | VV   | 0.0540         | 1047.80713         | 271.84128          | 0.085     |                                      |
| 61        | 41.042      | VB   | 0.0649         | 1892.09155         | 460.62589          | 0.153     |                                      |
| 62        | 41.470      | BB   | 0.0537         | 430.81290          | 110.07374          | 0.035     |                                      |
| 63        | 41.699      | BB   | 0.0501         | 712.46808          | 180.45148          | 0.058     |                                      |
| 64        | 42.062      | PP   | 0.0701         | 1388.61938         | 245.15791          | 0.112     |                                      |
| 65        | 43.792      | BB   | 0.0537         | 646.17731          | 168.61966          | 0.052     |                                      |