

Olive oil standards

| No | Name                                 |
|----|--------------------------------------|
| 1  | Oleic acid                           |
| 2  | Hexadecanoic acid                    |
| 3  | alpha-Linoleic acid                  |
| 4  | (Z,Z)-9,12-Octadecadienoic acid      |
| 5  | Octadecanoic acid                    |
| 6  | alpha-Linolenic acid                 |
| 7  | Eicosanoic acid                      |
| 8  | Gadoleic acid                        |
| 9  | (3R,3'R, all-E)-Zeaxanthin           |
| 10 | Cyanidin 3-rutinoside                |
| 11 | Oleuropein-aglycone                  |
| 12 | Oleuropein                           |
| 13 | trans-Sinapic acid                   |
| 14 | Acteoside                            |
| 15 | Hydroxytyrosol                       |
| 16 | Quercetin 3-rutinoside               |
| 17 | beta-Cryptoxanthin                   |
| 18 | 3-Methoxy-4-hydroxyphenylacetic acid |
| 19 | (R)-Oxypeucedanin                    |
| 20 | o-Coumaric acid                      |
| 21 | Tetradecanoic acid                   |
| 22 | Oleacein                             |
| 23 | Demethyloleuropein                   |
| 24 | Syringic acid                        |
| 25 | beta-Carotene                        |
| 26 | Cyanidin 3-glucoside                 |
| 27 | Cinnamic acid                        |
| 28 | 3,4-DHPEA-EA                         |
| 29 | p-HPEA-EDA                           |
| 30 | Luteolin 7-glucoside                 |
| 31 | Chlorogenic acid                     |
| 32 | m-Coumaric acid                      |
| 33 | Vanillic acid                        |
| 34 | Ferulic acid                         |
| 35 | Ligstroside-aglycone                 |
| 36 | p-Coumaric acid                      |
| 37 | 2-(4-Hydroxyphenyl)ethanol           |
| 38 | Phloretic acid                       |
| 39 | Apigenin 7-glucoside                 |

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|----|---------------------------------------|
| 40 | p-HPEA-EA                             |
| 41 | Quercitrin                            |
| 42 | Vitamin K1 epoxide-1,4-diol           |
| 43 | 3-(3,4-Dihydroxyphenyl)propanoic acid |
| 44 | 4-Hydroxybenzoic acid                 |
| 45 | Retinol                               |
| 46 | alpha-Tocopherol                      |
| 47 | Methoxyphenylacetic acid              |
| 48 | alpha-Carotene                        |
| 49 | 4-Hydroxyphenylacetic acid            |
| 50 | Ligustroside                          |
| 51 | Hydroxytyrosol acetate                |
| 52 | 3,4-Dihydroxyphenylacetic acid        |
| 53 | Isorhoifolin                          |
| 54 | (±)-Tryptophan                        |
| 55 | Oleoside 11-methyl ester              |
| 56 | (+)-Pinoresinol                       |
| 57 | Luteolin                              |
| 58 | 8-Acetoxypinoresinol                  |
| 59 | CE(18:2(9Z,12Z))                      |
| 60 | Choline                               |
| 61 | gamma-Tocopherol                      |
| 62 | Apigenin                              |
| 63 | Isoorientin                           |
| 64 | Starch                                |
| 65 | 2,4-Dihydroxybenzoic acid             |
| 66 | CE(18:3(9Z,12Z,15Z))                  |
| 67 | Betaine                               |
| 68 | Vanillin                              |
| 69 | beta-Tocopherol                       |
| 70 | 2,6-Dihydroxybenzoic acid             |
| 71 | Homoveratric acid                     |
| 72 | Nicotinic acid                        |
| 73 | Gallic acid                           |
| 74 | Lariciresinol                         |
| 75 | Secoisolariciresinol                  |
| 76 | Hydroxycaffeic acid                   |
| 77 | CE(20:1(11Z))                         |
| 78 | p-HPEA-AC                             |
| 79 | Pyridoxine                            |
| 80 | Thiamine                              |

|    |               |
|----|---------------|
| 81 | Vaccenic acid |
| 82 | (-)-Olivil    |