**Supplementary material**: Chemical information, selected ion transitions and UHPLC-MS/MS parameters for the phenolic compounds under study

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Phenolic Compound** | | **Chemical structure** | **Chemical class** | **tR (min)** | **SRM (m/z)a** | **Cone voltage (V)** | **Collision Energy (eV)** |
| 4-Hydroxybenzoic acid | C:\Users\Master\Desktop\revisão folha\4-hydroxybenzoic acid (structural formula) (1).png | | Phenolic acid | 3.92 | 136.8>92.8Q | 25 | 16 |
| Naringenin | C:\Users\Master\Desktop\revisão folha\Naringenin (structural formula).png | | Flavonoid | 6.56 | 271.0>118.9Q  271.0>150.9q | 36  36 | 32  17 |
| Apigenin | C:\Users\Master\Desktop\revisão folha\Apigenin (structural formula).png | | Flavonoid | 6.96 | 269.0>116.9Q  269.0>148.9q | 52  52 | 37  24 |
| Kaempferol | C:\Users\Master\Desktop\revisão folha\Kaempferol (structural formula).png | | Flavonoid | 6.81 | 285.0>92.90Q  285.0>255.0q | 58  58 | 37  35 |
| *p*-Coumaric acid | C:\Users\Master\Desktop\revisão folha\P-coumaric acid (structural formula).png | | Phenolic acid | 5.22 | 162.9>92.9Q  162.9>118.9q | 28  28 | 28  14 |
| Ferulic acid | C:\Users\Master\Desktop\revisão folha\Ferulic acid (structural formula).png | | Phenolic acid | 5.8 | 192.9>133.9Q  192.9>177.9q | 30  30 | 17  13 |
| Sinapic acid | C:\Users\Master\Desktop\revisão folha\Sinapic acid (structural formula).png | | Phenolic acid | 5.30 | 222.9>148.9Q  222.9>193.0q | 36  36 | 24  21 |
| Vanillic Acid | C:\Users\Master\Desktop\revisão folha\Vanillic acid (structural formula).png | | Phenolic acid | 4.15 | 167.0>107.9Q  167.0>151.9q | 35  35 | 17  13 |
| Caffeic acid | C:\Users\Master\Desktop\revisão folha\Caffeic acid (structural formula).png | | Phenolic acid | 4.49 | 179.0>135Q | 37 | 20 |
| Syringic acid | C:\Users\Master\Desktop\revisão folha\Syringic acid (structural formula).png | | Phenolic acid | 4.58 | 196.9>166.9Q  196.9>181.9q | 30  30 | 16  10 |
| Epigallocatechin gallate | C:\Users\Master\Desktop\revisão folha\Epigallocatechin gallate (structural formula).png | | Flavonoid | 4.83 | 441.1>169.0Q  441.1>289.0q | 37  37 | 24  21 |
| Chrysin | C:\Users\Master\Desktop\revisão folha\Chrysin (structural formula).png | | Flavonoid | 8.31 | 253.0>142.9Q  253.0>209.0q | 58  58 | 27  26 |
| Quercetin | C:\Users\Master\Desktop\revisão folha\Quercetin (structural formula).png | | Flavonoid | 6.84 | 300.9.0>121.0Q  300.9>151.0q | 48  48 | 28  14 |
| Ellagic acid | C:\Users\Master\Desktop\revisão folha\Ellagic acid (structural formula).png | | Flavonoid | 6.18 | 301>229Q  301>284q | 60  60 | 28  31 |
| Myricetin | C:\Users\Master\Desktop\revisão folha\Myricetin (structural formula).png | | Flavonoid | 6.36 | 317.0>150.9Q  317.0>178.9q | 43  43 | 25  19 |

a Q=quantification transition, q=identification transition. tR: retention time; SRM: selected reaction monitoring.

UHPLC-MS/MS chromatograms of phenolic compounds standards 1μg/mL

