Green Extraction Techniques of Phytochemicals from Hedera helix L and in vitro Characterization of the Extracts

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**Table 1S.** Factor loadings

|  |  |  |
| --- | --- | --- |
|  | **PC1** | **PC2** |
| Total saponins content (TSC) | **0.930** | 0.367 |
| Total carbohydrates content (TCC) | **0.967** | -0.113 |
| Total phenolic content (TPC) | **0.962** | -0.162 |
| Antioxidant activity (AA) | **0.971** | -0.079 |

**Table 2S.** Factor scores

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Method Description** | **PC1** | **PC2** |
| 1 | MAE, 50 °C, 80% Ethanol | 2.250 | 0.273 |
| 2.074 | 0.175 |
| 2.381 | 0.091 |
| 2 | UAE, 50 °C, 80% Ethanol | 2.952 | -0.254 |
| 2.978 | -0.425 |
| 3.126 | -0.428 |
| 3 | CHE, 50 °C, 80% Ethanol | 1.363 | -0.040 |
| 1.246 | 0.069 |
| 1.481 | -0.144 |
| 4 | MAE, 50 °C, 80% Ethanol | 0.864 | 0.402 |
| 0.621 | 0.419 |
| 0.404 | 0.506 |
| 5 | UAE, 50 °C, 80% Ethanol | 0.790 | 0.073 |
| 0.719 | 0.015 |
| 0.380 | 0.152 |
| 6 | CHE, 40 °C, 80% Ethanol | -1.998 | 0.788 |
| -1.815 | 0.912 |
| -1.823 | 0.811 |
| 7 | MAE, 50 °C, 0% Ethanol | -1.977 | -0.439 |
| -1.953 | -0.477 |
| -1.852 | -0.380 |
| 8 | UAE, 50 °C, 0% Ethanol | -1.672 | -0.480 |
| -1.430 | -0.521 |
| -1.369 | -0.632 |
| 9 | CHE, 50 °C, 0% Ethanol | -2.489 | -0.221 |
| -2.577 | -0.056 |
| -2.674 | -0.188 |

**Table 3S.** Correlation matrix.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variables** | **TSC** | **TCC** | **TPC** | **AA** |
| TSC | **1** |  |  |  |
| TCC | 0.856\* | **1** |  |  |
| TPC | 0.842\* | 0.919\* | **1** |  |
| AA | 0.867\* | 0.928\* | 0.922\* | **1** |

\* Significant level at *p<*0.05.