Supplementary Materials file

Table S1. The linear gradient used in the present study

Time (minutes)	Solution A	Solution B
0	90	10
20	70	30
25	60	40
65	90	10
70	90	10

Table S2. Validation data for HPLC method used to determine the ascorbic acid

<table>
<tr><th>Accuracy</th><th colspan="4">Precision</th><th>Recovery</th><th colspan="3">Linearity</th><th>Range</th></tr>
<tr><td rowspan="3">98.75±1.20%</td><td>Repeatability</td><td colspan="3">Reproducibility</td><td rowspan="3">98.05±1.25%</td><td>Slope</td><td>r</td><td>FR</td><td rowspan="2">20-80 μg/mL</td></tr>
<tr><td rowspan="2">S= 2.0298
Sx= 0.6418
RSD= 0.65%</td><td>I</td><td>II</td><td>III</td><td rowspan="2">17510464.99</td><td rowspan="2">0.9997</td><td rowspan="2">19401821</td></tr>
<tr><td>S= 3.3726
Sx= 1.0665
RSD= 1.8%</td><td>S= 2.9666
Sx= 0.9381
RSD= 0.95%</td><td>S= 3.7473
Sx= 1.1850
RSD= 1.20%</td><td colspan="4"></td></tr>
</table>

Table S3. Equivalent antioxidant capacity (TEAC) values for hydroalcoholic solutions of *Medicaginis herba, Trifolii pratensae flores, Ginkgo bilobae folium, Myrtilli fructus, Cynosbati fructus* and CILTAG. Spectrometric determination.

Sample	Time (minutes)	Antioxidant capacity
Medicaginis herba	0	0.698
	2	0.900
Trifolii pratense flores	0	0.503
	2	0.693
Gingko bilobae folium	0	0.328
	2	0.269
Myrtillis fructus	0	1.360
	2	1.310
Cynosbati fructus	0	0.356
	2	0.401
CILTAG	0	1.350
	2	1.260

Table S4. Antioxidant capacity (AC) values for hydro-alcoholic solutions of *Medicaginis herba, Trifolii pratensae flores, Ginkgo bilobae folium*. Spectrometric determination

Sample	Time (min)	Antioxidant capacity (AC)
Medicaginis herba	0	0.192
	2	0.2
Trifolii pratensae flores	0	0.510
	2	0.451
Ginkgo bilobae folium	0	1.56
	2	1.40

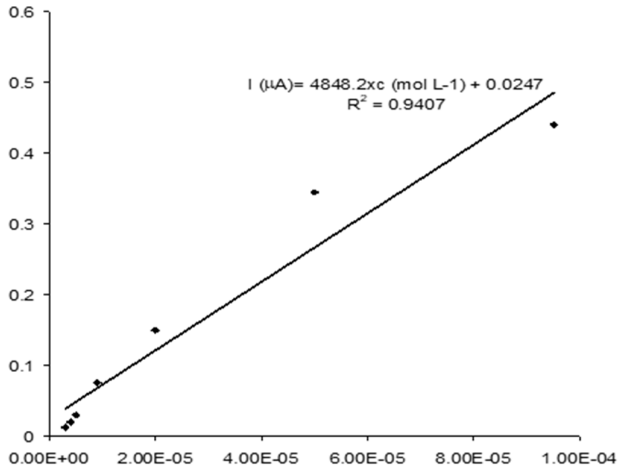

Figure S1. Calibration line for Trolox

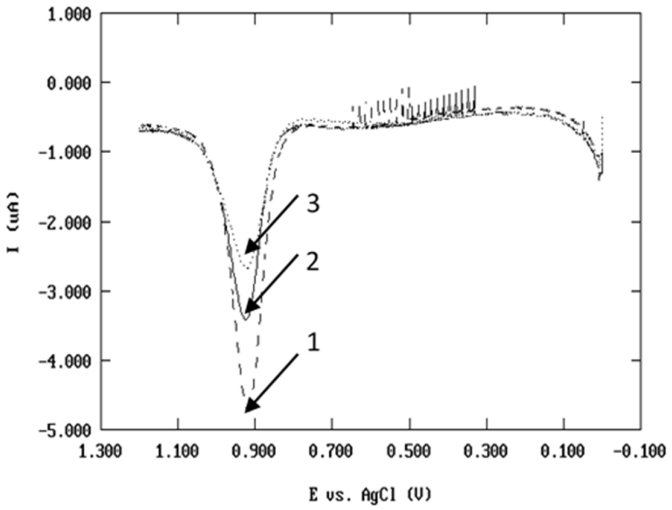

Figure S2. Overlapping voltammograms for DPPH, methanolic solutions: 10^{-4} molL^{-1} (1), $5x10^{-5}$ molL^{-1} (2), $2.55x10^{-5}$ molL^{-1}(3)

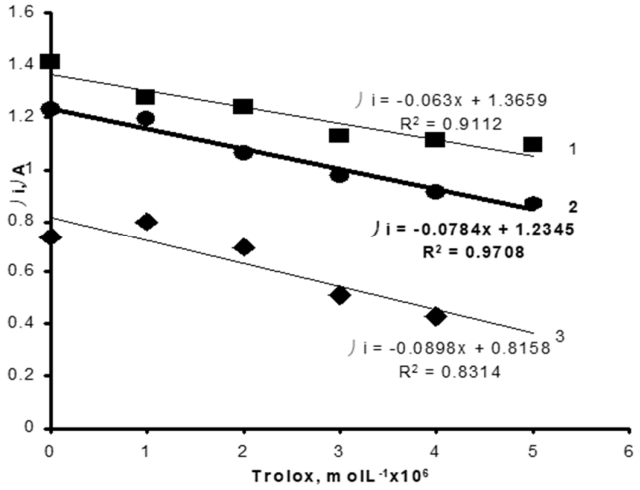

Figure S3. Variation in the intensity of DPPH anodic peak current with the Trolox concentration, at the time 0 (1), at 2 minutes (2) and at 4 minutes (3)

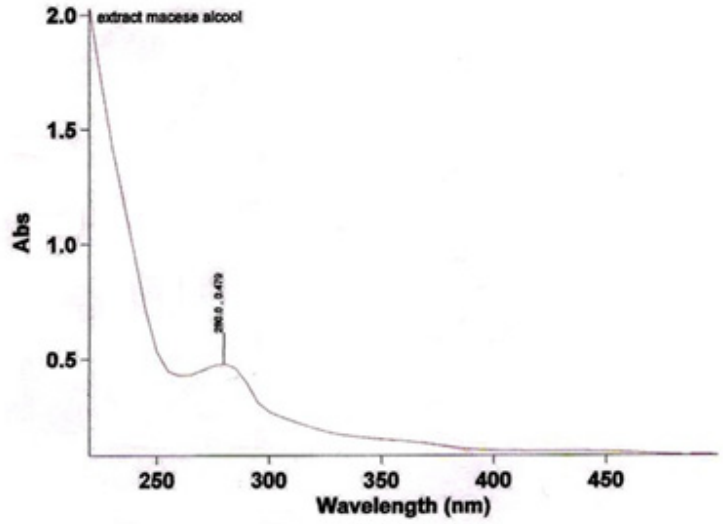

Figure S4. UV-Vis spectrum of hydroacloholic *Cynosbati fructus* extractive solution

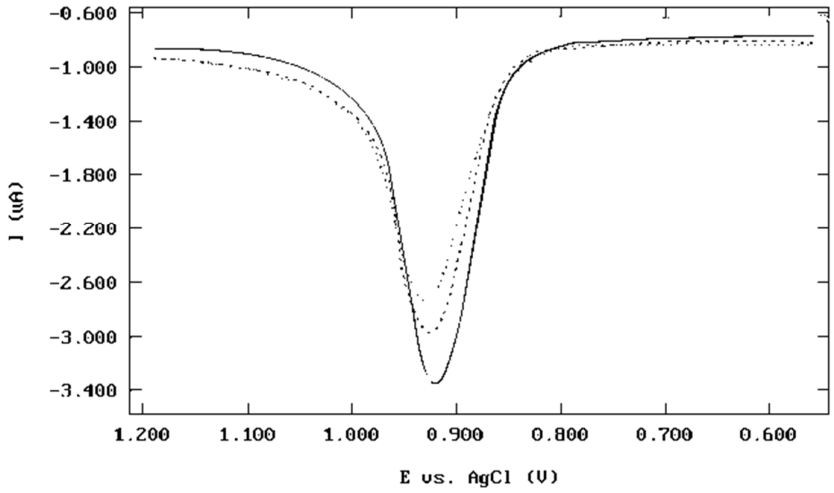

Figure S5. Overlapping voltammograms corresponding to DPPH, addition of 10 μL of the hydroalcoholic solution of *Medicaginis herba* at time 0, respectively at 2 minutes

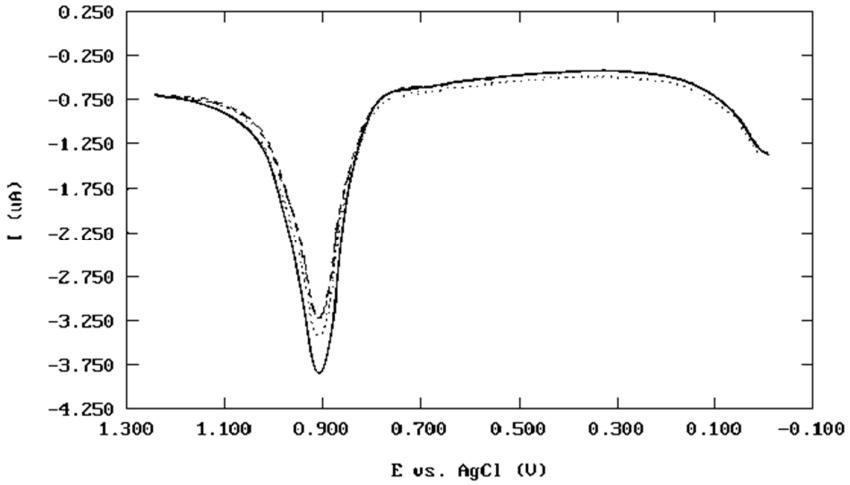

Figure S6. Overlapping voltammograms corresponding to DPPH, addition of 10 μL of the hydroalcoholic solution of *Trifolii pratensae flores* at time 0, respectively at 2 minutes

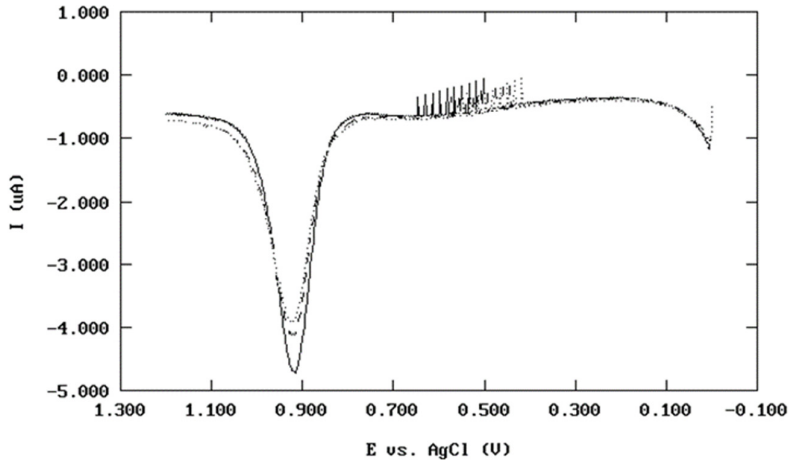

Figure S7. Overlapping voltammograms corresponding to DPPH, addition of 10 μL of the hydroalcoholic solution of *Ginkgo bilobae folium* at time 0, respectively

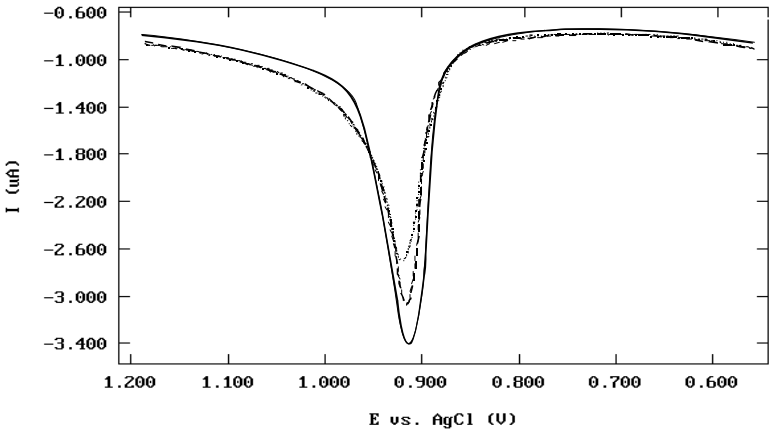

Figure S8. Overlapping voltammograms corresponding to DPPH, addition of 10 μL of the hydroalcoholic solution of *Myrtilli fructus* at time 0, respectively at 2 minutes

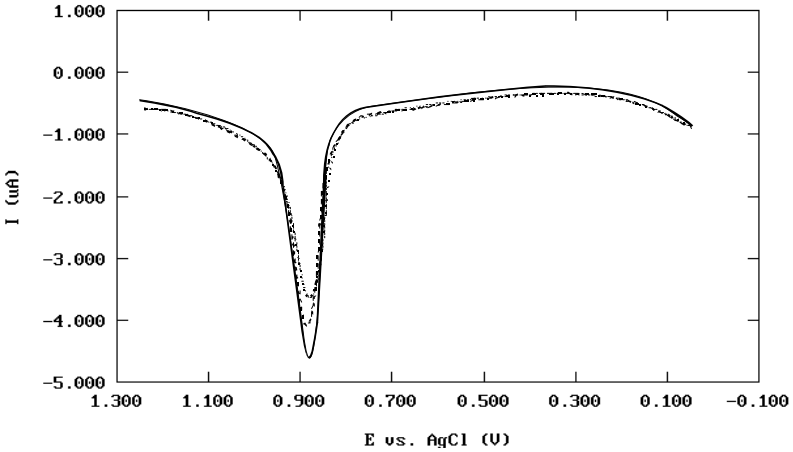

Figure S9. Overlapping voltammograms corresponding to DPPH, addition of 10 μL of the hydroalcoholic solution of *Cynosbati fructus* at time 0, respectively at 2 minutes

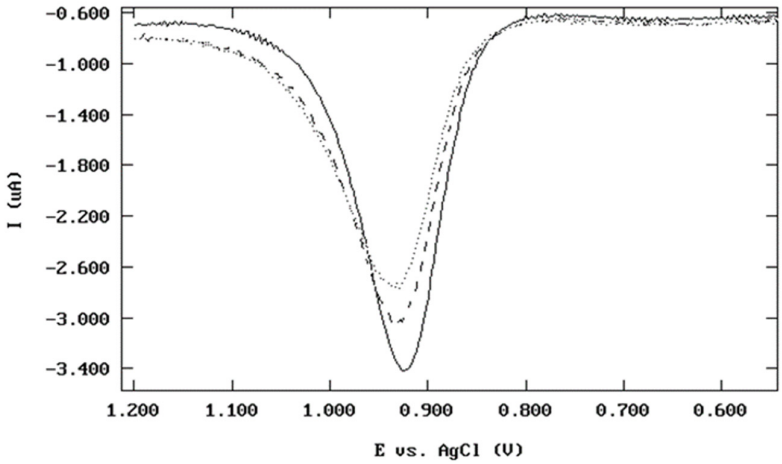

Figure S10. Overlapping voltammograms corresponding to DPPH, addition of 10 μL of the hydroalcoholic solution of *CILTAG product* at time 0, respectively at 2 minutes