

**Supplementary Table S1.** Antioxidant activity of cuticles and shells extracts. The table report the value of percentage of inhibition of radical scavenging activity of cuticles and shells of hazelnut at different dilution and extracted with two different methods: 1) Water/Acetone (40/60); 2) Water/Ethanol (50/50). Data are shown as mean (n=6) and standard error.

Extracts	Dilution	Extraction method	
		Water/Acetone (40/60)	Water/Ethanol (50/50)
Cuticles	1:16	91,39 ± 0,42 <sup>a</sup>	90,93 ± 0,50 <sup>a</sup>
	1:32	84,85 ± 1,23 <sup>a</sup>	74,01 ± 1,06 <sup>b</sup>
	1:64	63,08 ± 1,13 <sup>a</sup>	55,06 ± 1,08 <sup>b</sup>
	1:100	46,72 ± 1,55 <sup>a</sup>	40,34 ± 1,19 <sup>b</sup>
Shells	As is	92,09 ± 1,56 <sup>a</sup>	90,25 ± 1,59 <sup>a</sup>
	1:2	85,13 ± 0,90 <sup>a</sup>	73,37 ± 1,84 <sup>b</sup>
	1:4	61,63 ± 0,88 <sup>a</sup>	55,18 ± 0,78 <sup>b</sup>
	1:8	29,72 ± 0,93 <sup>a</sup>	23,11 ± 1,15 <sup>b</sup>