

### Supplementary Materials:

**Table S1.** F-values (*p*-values) obtained during the variance analysis of the influence of maceration and extraction in the Soxhlet apparatus as well as that of the extraction solvent type: methanol, acetone, ethyl acetate and chloroform on the fungistatic activity (FA) of the onion scale extracts against various pathogenic fungi (\* $F_{tab} = 4$ ; \*\*  $F_{tab} = 8$ ).

Effects		<b>B. cinerea</b>	<b>F. culmorum</b>	<b>R. solani</b>	<b>A. alternata</b>	<b>P. infestans</b>	<b>A. apis</b>
* Solvent type on the FA of extracts obtained during:	Mac	319 (1·10 <sup>-08</sup> )	15 (1·10 <sup>-03</sup> )	287 (2·10 <sup>-08</sup> )	575 (1·10 <sup>-09</sup> )	133 (4·10 <sup>-07</sup> )	1463 (3·10 <sup>-11</sup> )
	Sox	926 (2·10 <sup>-10</sup> )	160 (2·10 <sup>-07</sup> )	29 (1·10 <sup>-04</sup> )	403 (5·10 <sup>-09</sup> )	120 (6·10 <sup>-07</sup> )	1164 (7·10 <sup>-11</sup> )
** Extraction technique on the FA of extracts obtained using:	MeOH	91 (7·10 <sup>-04</sup> )	660 (1·10 <sup>-05</sup> )	100 (5·10 <sup>-04</sup> )	2 (3·10 <sup>-01</sup> )	30 (6·10 <sup>-03</sup> )	4 (1·10 <sup>-01</sup> )
	Ac	33 (5·10 <sup>-03</sup> )	2 (3·10 <sup>-01</sup> )	29 (6·10 <sup>-03</sup> )	8 (5·10 <sup>-02</sup> )	16 (2·10 <sup>-02</sup> )	4 (1·10 <sup>-01</sup> )
	EtOAc	4·10 <sup>-01</sup> (6·10 <sup>-01</sup> )	14 (2·10 <sup>-02</sup> )	40 (3·10 <sup>-03</sup> )	1 (3·10 <sup>-01</sup> )	36 (4·10 <sup>-03</sup> )	28 (6·10 <sup>-03</sup> )
	CHCl <sub>3</sub>	0 (1)	7·10 <sup>04</sup> (1)	9·10 <sup>08</sup> (7·10 <sup>-18</sup> )	9 (4·10 <sup>-02</sup> )	2 (3·10 <sup>-01</sup> )	1 (5·10 <sup>-06</sup> )

**Table S2.** F-values (*p*-values) obtained during the variance analysis of the influence of maceration and extraction in the Soxhlet apparatus as well as that of the extraction solvent type: methanol, acetone, ethyl acetate, and chloroform on the antioxidant activity (AA) of onion scale extracts assessed by different methods (\* $F_{tab} = 4$ ; \*\*  $F_{tab} = 8$ )

Effects		<b>ABTS</b>	<b>DPPH</b>	<b>β-carotene</b>
* Solvent type on the AA of extracts obtained during:	Mac	350 (8·10 <sup>-09</sup> )	389 (6·10 <sup>-09</sup> )	298 (2·10 <sup>-08</sup> )
	Sox	362 (7·10 <sup>-09</sup> )	377 (6·10 <sup>-09</sup> )	330 (1·10 <sup>-08</sup> )
** Extraction technique on the AA of extracts obtained using:	MeOH	189 (2·10 <sup>-04</sup> )	93 (6·10 <sup>-04</sup> )	91 (7·10 <sup>-04</sup> )
	Ac	283 (7·10 <sup>-05</sup> )	142 (3·10 <sup>-04</sup> )	112 (4·10 <sup>-04</sup> )
	EtOAc	322 (6·10 <sup>-05</sup> )	176 (2·10 <sup>-04</sup> )	69 (1·10 <sup>-03</sup> )
	CHCl <sub>3</sub>	2 (0.27)	14 (2·10 <sup>-02</sup> )	40 (3·10 <sup>-03</sup> )