

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

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