

Type of the Paper (Article)

Fractionation of olive pomace-derived biomasses through a two-step extraction based on the use of ultrasounds: Chemical characteristics

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Received: date; Accepted: date; Published: date

Supplementary material

Table S1. Pearson correlation values for the solubilization of phenolic compounds.

Component	Ext ¹	Yield ¹	TPC ¹	TEAC ¹	FRAP ¹	ORAC ¹
Extractives	1					
Yield	0.992**	1				
TPC	0.992**	0.983*	1			
TEAC	0.958*	0.954*	0.914	1		
FRAP	0.997*	0.991	0.999*	0.939	1	
ORAC	0.991	0.982	1.000**	0.918	0.999*	1

¹ Ext, extractives content (%); yield, total extraction yield (%); FRAP, ferric reducing antioxidant power assay (mmol Trolox equivalents/100 g); TEAC, trolox equivalent antioxidant capacity (mmol Trolox equivalents/100 g); TPC, total phenolic content (g gallic acid equivalents/100 g); ORAC, oxygen radical absorbance capacity (mmol Trolox equivalents/100 g). **P-value<0.01;*0.01<P-value<0.05.

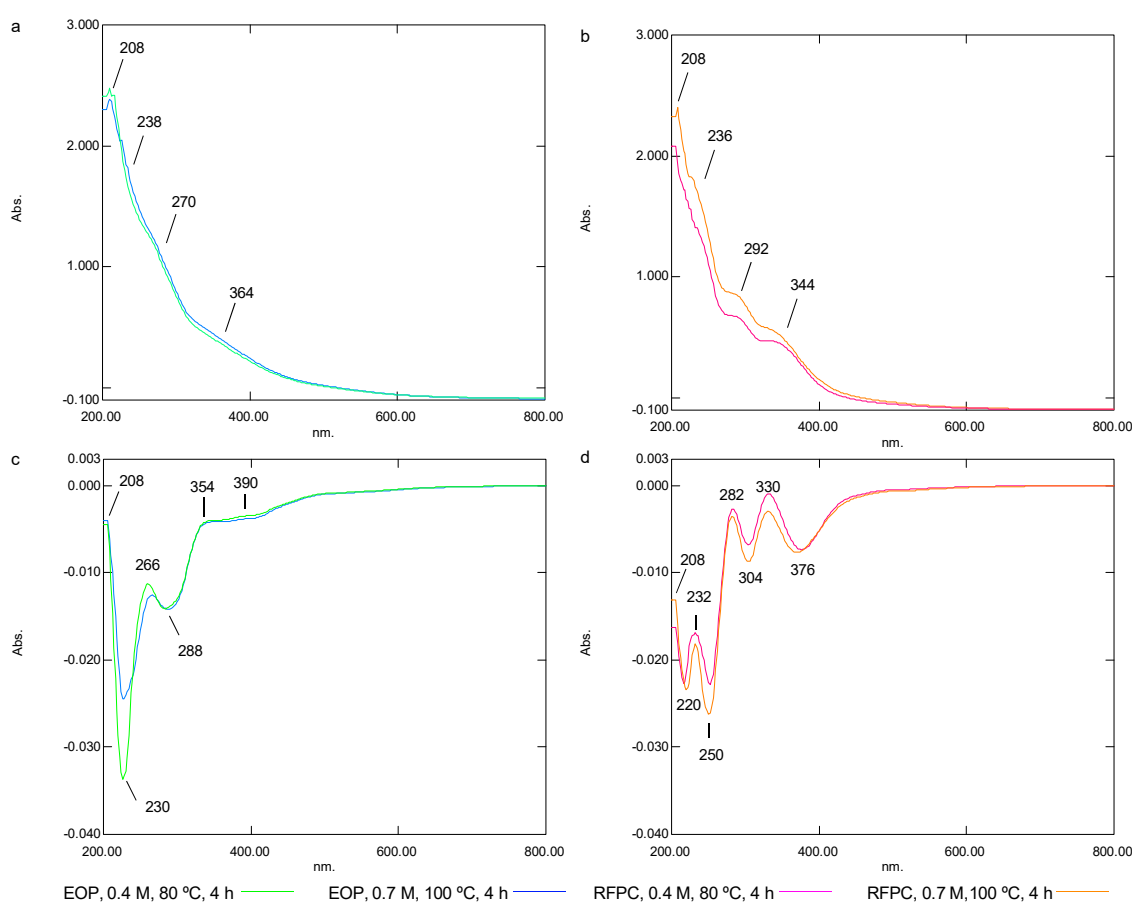


Figure S1. UV-VIS spectra and their first derivative of alkaline extracts from the extracted olive pomace (EOP) (a and c, respectively) and the residual fraction from olive pit cleaning (RFOPC) (b and d, respectively).