

Table S1. Antioxidant activity of grape seed extracts

Grape variety	Solvent	FRAP (mM TE/g DW)	CUPRAC (mM TE/g DW)	DPPH (mM TE/g DW)	ABTS (mM TE/g DW)
<i>Chardonnay</i>	AcEtOH	0.82	1.75	0.84	1.17
	ChCit	1.03	1.10	0.74	1.03
	ChGlc	0.40	0.57	0.22	0.51
<i>Bagrina</i>	AcEtOH	0.94	1.82	0.86	1.16
	ChCit	1.07	1.03	0.76	1.08
	ChGlc	0.60	0.69	0.54	0.81
<i>Župljanka</i>	AcEtOH	0.86	1.85	0.88	1.13
	ChCit	1.11	1.28	0.87	1.14
	ChGlc	1.14	1.29	0.82	1.21
<i>Gamay</i>	AcEtOH	1.81	3.04	1.19	2.12
	ChCit	1.64	1.53	1.13	1.76
	ChGlc	0.67	0.76	0.57	0.71
<i>Začínak</i>	AcEtOH	1.10	1.95	0.99	1.25
	ChCit	1.27	1.35	0.72	1.17
	ChGlc	0.78	0.93	0.72	0.85
<i>Black Tamjanika</i>	AcEtOH	1.28	1.49	0.93	1.37
	ChCit	1.31	1.40	0.94	1.32
	ChGlc	1.09	1.20	0.94	0.64
<i>Merlot</i>	AcEtOH	0.80	1.57	0.76	1.02
	ChCit	0.99	1.09	0.68	1.13
	ChGlc	0.64	0.81	0.59	0.89
<i>Prokupac</i>	AcEtOH	1.60	2.14	1.01	1.49
	ChCit	1.32	1.38	0.83	1.11
	ChGlc	1.39	1.40	0.99	1.42
<i>Frankovka</i>	AcEtOH	1.32	2.04	1.02	1.38
	ChCit	1.13	1.36	0.79	1.00
	ChGlc	1.04	0.72	0.70	0.97
<i>Cabernet Sauvignon</i>	AcEtOH	1.01	1.39	0.81	0.99
	ChCit	1.08	1.13	0.75	1.10
	ChGlc	0.76	0.85	0.64	0.72

Values represent mean of three replicates. Standard deviation was < 10%.

Abbreviations: AcEtOH- acidified aqueous ethanol; ChCit- choline chloride: citric acid; ChGlc- choline chloride: glucose; FRAP- ferric ion reducing antioxidant power; CUPRAC- cupric ion reducing antioxidant capacity; DPPH- 2, 2'-diphenyl-1-picrylhydrazyl; ABTS- 2, 2'-azino-bis(3-ethylbenzthiazoline-6-sulphonic acid); TE- trolox equivalents; DW- dry weight

Table S2. Antioxidant activity of grape skin extracts

Grape variety	Solvent	FRAP (mM TE/g DW)	CUPRAC (mM TE/g DW)	DPPH (mM TE/g DW)	ABTS (mM TE/g DW)
<i>Chardonnay</i>	AcEtOH	0.05	0.15	0.03	0.05
	ChCit	0.08	0.09	0.05	0.08
	ChGlc	0.08	0.08	0.06	0.07
<i>Bagrina</i>	AcEtOH	0.04	0.11	0.02	0.05
	ChCit	0.08	0.10	0.06	0.09
	ChGlc	0.09	0.08	0.05	0.08
<i>Župljanka</i>	AcEtOH	0.08	0.23	0.07	0.16
	ChCit	0.13	0.13	0.06	0.13
	ChGlc	0.13	0.10	0.06	0.10
<i>Gamay</i>	AcEtOH	0.20	0.19	0.07	0.11
	ChCit	0.16	0.12	0.06	0.12
	ChGlc	0.05	0.04	0.03	0.06
<i>Začínak</i>	AcEtOH	0.23	0.44	0.12	0.32
	ChCit	0.17	0.16	0.11	0.17
	ChGlc	0.17	0.15	0.11	0.18
<i>Black Tamjanika</i>	AcEtOH	0.13	0.07	0.05	0.08
	ChCit	0.14	0.37	0.09	0.16
	ChGlc	0.09	0.09	0.07	0.14
<i>Merlot</i>	AcEtOH	0.27	0.45	0.11	0.32
	ChCit	0.21	0.17	0.12	0.15
	ChGlc	0.21	0.17	0.12	0.16
<i>Prokupac</i>	AcEtOH	0.15	0.37	0.09	0.21
	ChCit	0.18	0.14	0.09	0.13
	ChGlc	0.07	0.08	0.08	0.11
<i>Frankovka</i>	AcEtOH	0.13	0.31	0.08	0.18
	ChCit	0.16	0.12	0.07	0.11
	ChGlc	0.14	0.14	0.10	0.15
<i>Cabernet Sauvignon</i>	AcEtOH	0.24	0.44	0.13	0.30
	ChCit	0.23	0.21	0.11	0.18
	ChGlc	0.15	0.13	0.10	0.13

Values represent mean of three replicates. Standard deviation was < 10%.

Abbreviations: AcEtOH- acidified aqueous ethanol; ChCit- choline chloride: citric acid; ChGlc- choline chloride: glucose; FRAP- ferric ion reducing antioxidant power; CUPRAC- cupric ion reducing antioxidant capacity; DPPH- 2, 2'- diphenyl-1-picrylhydrazyl; ABTS- 2, 2'- azino-bis(3-ethylbenzthiazoline-6-sulphonic acid); TE- trolox equivalents; DW- dry weight

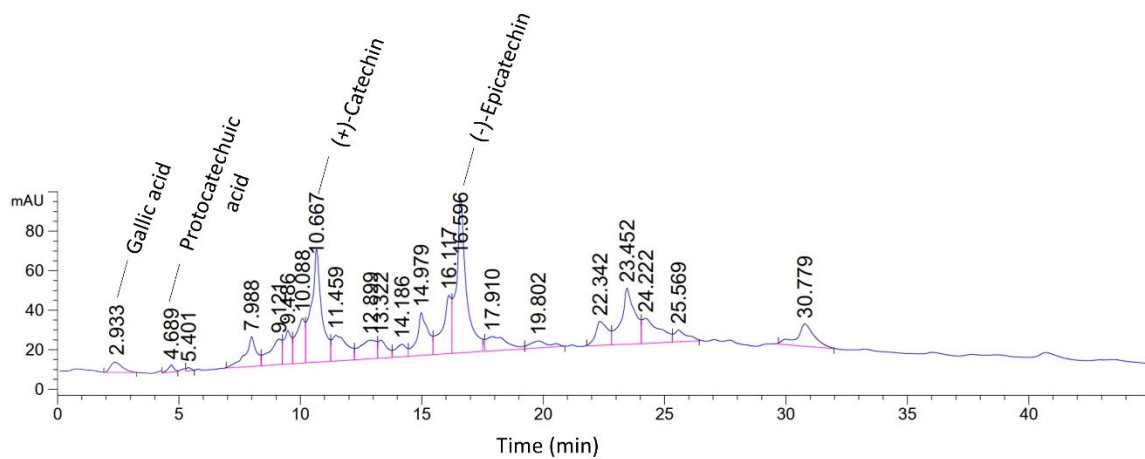


Figure S1: HPLC chromatogram of polyphenols in a sample of grape seeds

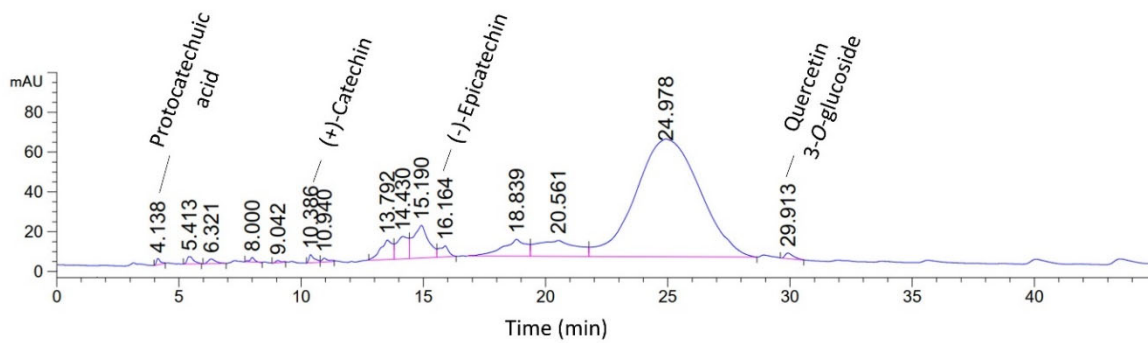


Figure S2: HPLC chromatogram of polyphenols in a sample of grape skin