

Table S1. Total antioxidant capacity in kvass samples (Kvass x Incubation Temperature).

Factor		Total Antioxidant Activity	
Kvass (K) x Fermentation Temperature (IT)		ABTS ($\mu\text{mol Trolox g}^{-1}$)	DPPH ($\mu\text{mol Trolox g}^{-1}$)
Control kvass		0.216 \pm 0.004 fgh	1.31 \pm 0.04 b
BC (J) 3%		0.271 \pm 0.006 j	1.54 \pm 0.04 ef
BC (J) 5%		0.365 \pm 0.004 n	2.70 \pm 0.06 m
BC (J) 10%		0.703 \pm 0.005 r	3.55 \pm 0.04 o
BC (I) 3%		0.157 \pm 0.004 a	1.06 \pm 0.03 a
BC (I) 5%		0.171 \pm 0.007 bc	1.29 \pm 0.04 b
BC (I) 10%		0.218 \pm 0.005 gh	1.55 \pm 0.03 ef
SB (J) 3%		0.201 \pm 0.004 ef	1.42 \pm 0.04 cd
SB (J) 5%	28°C	0.252 \pm 0.002 i	1.75 \pm 0.04 h
SB (J) 10%		0.355 \pm 0.007 mn	2.44 \pm 0.04 k
SB (I) 3%		0.152 \pm 0.004 a	1.08 \pm 0.03 a
SB (I) 5%		0.170 \pm 0.002 bc	1.26 \pm 0.02 b
SB (I) 10%		0.213 \pm 0.005 fg	1.47 \pm 0.02 de
P (I) 3%		0.294 \pm 0.009 k	1.76 \pm 0.03 h
P (I) 5%		0.384 \pm 0.008 o	2.63 \pm 0.05 lm
P (I) 10%		0.763 \pm 0.010 s	4.64 \pm 0.04 p
Control kvass		0.313 \pm 0.003 l	2.35 \pm 0.01 jk
BC (J) 3%		0.321 \pm 0.003 l	2.17 \pm 0.02 i
BC (J) 5%		0.452 \pm 0.002 q	2.91 \pm 0.08 n
BC (J) 10%		0.795 \pm 0.005 t	4.60 \pm 0.02 p
BC (I) 3%		0.166 \pm 0.004 abc	1.32 \pm 0.02 bc
BC (I) 5%		0.191 \pm 0.004 de	1.62 \pm 0.02 f
BC (I) 10%		0.225 \pm 0.005 gh	1.75 \pm 0.03 gh
SB (J) 3%	34°C	0.230 \pm 0.002 h	1.32 \pm 0.02 bc
SB (J) 5%		0.281 \pm 0.003 jk	1.62 \pm 0.02 f
SB (J) 10%		0.390 \pm 0.006 o	1.75 \pm 0.03 gh
SB (I) 3%		0.157 \pm 0.004 ab	1.64 \pm 0.04 fg
SB (I) 5%		0.179 \pm 0.003 cd	1.82 \pm 0.01 h
SB (I) 10%		0.253 \pm 0.005 i	2.56 \pm 0.05 l
P (I) 3%		0.342 \pm 0.003 m	2.25 \pm 0.03 ij
P (I) 5%		0.428 \pm 0.002 p	2.58 \pm 0.04 l
P (I) 10%		0.792 \pm 0.003 t	4.84 \pm 0.06 q
Mean		0.321 \pm 0.185	2.10 \pm 1.00
Significance (F / p value)			
K		F= 9982.4 p<0.0001	F= 5222.6 p<0.0001
IT		F= 1695.5 p<0.0001	F= 2594.1 p<0.0001
K x IT		F= 58.3 p<0.0001	F= 295.7 p<0.0001

The data shown are mean \pm standard deviation (SD). Different letters within a column indicate significant

The different letters in column indicate significant differences between the means at a significance level of $p = 0.05$, differences according to Tukey's test at $p < 0.05$), BC - black chokeberry; SB - sea buckthorn; P - peppermint; J - juice, I - infusion.