Supplementary Material

The Changes in Antioxidant Activity of Selected Flavonoids and Caffeine Depending on the Dosage and Form of Thiamine

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Table S1. Chelating properties to samples with thiamine hydrochloride and EGCG

thiamine [mg/100g]	Chelating properties								
	Concentrations of EGCG [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 ^{e}	100.00 ^{f}	100.00 ^{f}	100.00 ^{f}	100.00 ^{f}	100.00 ^{f}	100.00 ^{d}	100.00 ^{c}	100.00 ^{b}
0.01	100.21 ^{e}	100.15 ^{f}	100.41 ^{f}	99.89 ^{f}	100.12 ^{f}	100.44 ^{f}	100.08 ^{d}	100.13 ^{c}	100.09 ^{b}
0.02	100.65 ^{e}	100.52 ^{f}	100.25 ^{f}	99.54 ^{f}	102.08 ^{f}	100.87 ^{gf}	100.45 ^{d}	100.09 ^{c}	99.78 ^{b}
0.04	99.78 ^{e}	100.00 ^{f}	100.50 ^{f}	100.08 ^{f}	100.99 ^{f}	100.57 ^{f}	99.64 ^{d}	100.00 ^{c}	100.00 ^{b}
0.06	100.06 ^{e}	100.08 ^{f}	100.41 ^{f}	99.87 ^{f}	100.00 ^{f}	100.55 ^{f}	99.57 ^{d}	100.32 ^{dc}	99.86 ^{b}
0.08	100.48 ^{e}	100.02 ^{f}	100.16 ^{f}	100.54 ^{f}	99.97 ^{f}	100.47 ^{f}	100.25 ^{d}	100.87 ^{d}	100.45 ^{cb}
0.1	99.98 ^{e}	100.98 ^{f}	99.98 ^{f}	99.78 ^{f}	100.20 ^{f}	99.98 ^{f}	101.43 ^{e}	100.03 ^{c}	99.78 ^{b}
0.2	103.89 ^{f}	103.56 ^{h}	104.56 ^{ih}	102.56 ^{g}	103.56 ^{h}	101.5 ^{g}	102.35 ^{fe}	100.98 ^{d}	100.36 ^{cb}
0.4	103.43 ^{f}	104.45 ^{i}	101.23 ^{g}	103.23 ^{h}	103.98 ^{h}	102.30 ^{h}	100.95 ^{ed}	99.53 ^{c}	99.78 ^{b}
0.8	105.04 ^{g}	105.87 ^{j}	104.98 ^{i}	105.13 ^{i}	105.45 ^{i}	104.23 ^{i}	102.35 ^{e}	100.50 ^{dc}	100.50 ^{c}
1.0	106.06 ^{hg}	105.89 ^{j}	105.56 ^{ij}	105.96 ^{i}	105.24 ^{i}	104.56 ^{i}	102.39 ^{e}	101.25 ^{ed}	100.25 ^{cb}
2.0	106.99 ^{h}	106.89 ^{k}	105.98 ^{j}	105.89 ^{i}	105.03 ^{i}	104.89 ^{i}	103.56 ^{f}	102.32 ^{f}	100.00 ^{b}
3.0	103.45 ^{f}	103.29 ^{h}	103.87 ^{ih}	103.45 ^{h}	103.65 ^{h}	101.32 ^{g}	102.98 ^{fe}	100.00 ^{c}	100.00 ^{b}
4.0	100.86 ^{e}	101.23 ^{g}	103.54 ^{h}	102.03 ^{g}	101.98 ^{g}	101.02 ^{g}	101.45 ^{e}	100.98 ^{d}	100.21 ^{cb}
6.0	94.98 ^{d}	95.03 ^{e}	95.23 ^{e}	94.98 ^{e}	96.01 ^{e}	96.02 ^{e}	99.65 ^{d}	100.50 ^{dc}	100.03 ^{b}
8.0	94.98 ^{d}	95.03 ^{e}	95.23 ^{e}	94.98 ^{e}	96.01 ^{e}	96.02 ^{e}	100.23 ^{d}	100.75 ^{dc}	99.34 ^{ba}
9.0	91.56 ^{d}	91.24 ^{e}	91.75 ^{d}	91.09 ^{d}	92.56 ^{d}	92.45 ^{d}	97.56 ^{c}	99.98 ^{c}	100.23 ^{cb}
13.5	85.69 ^{c}	86.58 ^{c}	86.45 ^{c}	86.46 ^{c}	86.55 ^{c}	87.69 ^{c}	88.21 ^{b}	98.89 ^{b}	99.56 ^{ba}
16	84.12 ^{b}	84.76 ^{b}	83.75 ^{b}	84.23 ^{b}	84.59 ^{b}	85.01 ^{b}	87.98 ^{b}	98.75 ^{b}	99.45 ^{ba}
18	82.04 ^{a}	82.16 ^{a}	83.41 ^{b,a}	82.37 ^{a}	81.98 ^{a}	83.45 ^{a}	81.59 ^{a}	97.72 ^{a}	98.99 ^{a}
20	81.23 ^{a}	81.98 ^{a}	82.31 ^{a}	82.03 ^{a}	82.11 ^{a}	82.33 ^{a}	86.87 ^{a}	97.01 ^{a}	98.78 ^{a}

Table S2. Chelating properties to samples with thiamine pyrophosphate and EGCG

thiamine [mg/100g]	Chelating properties								
	Concentrations of EGCG [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 f	100.00 f	100.00 h	100.00 g	100.00 gf	100.00 e	100.00 f	100.00 c	100.00 b
0.01	100.00 f	100.15 f	100.41 ih	99.89 g	100.89 g	100.44 e	99.87 f	100.00 c	99.89 b
0.02	100.52 gf	100.52 f	100.25 h	99.67 g	102.08 h	100.33 e	99.96 f	100.45 dc	99.94 b
0.04	100.00 f	100.00 f	99.56 hg	100.08 hg	100.99 g	100.22 e	99.98 f	100.00 c	100.00 b
0.06	99.89 f	100.08 f	99.09 g	101.56 ih	100.00 gf	100.55 e	100.21 gf	99.95 c	100.06 b
0.08	99.67 f	100.02 f	100.17 h	100.97 h	99.89 f	100.87 fe	100.19 gf	101.25 ed	100.50 b
0.1	101.43 g	101.43 g	100.43 h	100.23hg	100.65 gf	100.43 e	101.88 hg	100.23 dc	99.78 b
0.2	103.03 h	103.21 h	102.98 j	102.45 i	102.31 h	102.32 g	102.03 h	100.23 dc	100.21 b
0.4	104.78 i	104.65 i	103.45 j	104.98 j	104.56 ji	103.99 h	101.40 hg	101.23 d	99.78 b
0.8	104.98 i	104.99 ji	104.85 k	105.03 j	105.45 j	105.51 i	104.45 i	100.91 d	100.48 b
1.0	106.45 j	106.71 k	106.54 l	106.14 k	106.23 kj	106.04 i	105.42 j	100.59 dc	100.25 b
2.0	107.45 k	107.03 k	107.49 l	107.56 l	107.21 k	107.65 j	106.89 k	102.35 e	100.00 b
3.0	105.98 j	105.89 j	105.45 k	104.23 j	103.65 i	103.03 hg	104.23 i	100.98 d	100.00 b
4.0	100.86 gf	100.54 gf	100.89 i	101.88 i	100.89 g	101.02 f	100.98 g	100.35 dc	99.89 b
6.0	93.85 e	93.90 e	94.10 f	93.85 f	94.88 e	94.89 d	98.52 e	99.37 c	100.21 b
8.0	93.85 e	93.90 e	94.10 f	93.85 f	94.88 e	94.89 e	98.52 e	99.62 c	99.65 a b
9.0	90.43 d	90.11 d	90.62 e	89.96 e	91.43 d	91.32 d	96.43 d	98.85 c	100.31 b
13.5	84.56 c	85.45 c	85.32 d	85.33 d	85.42 c	86.56 c	87.08 c	97.76 b	100.09 b
16	82.99 b	82.51 b	82.62 c	83.01 c	83.46 b	83.88 b	86.85 c	97.62 b	100.19 b
18	78.23 a	78.54 b	79.36 b	79.63 b	78.99 a	79.66 a	80.46 b	96.53 a	99.78 b
20	77.87 a	77.45 a	78.03 a	78.12 a	78.90 a	79.10 a	79.90 a	96.56 a	98.45 a

Table S3. Chelating properties to samples with thiamine hydrochloride and EGC

thiamine [mg/100g]	Chelating properties								
	Concentrations of EGC [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 f	100.00 e	100.00 g	100.00 h	100.00	100.00 f	100.00 e	100.00 cb	100.04 b
0.01	100.21 f	100.21 e	100.50 hg	100.08 h	100.45	100.21 f	100.65 e	99.87 b	99.89 b
0.02	100.54 f	99.98 e	99.54 g	100.50 h	100.35	99.91 f	99.91 e	100.36 cb	100.07 b
0.04	99.45 f	100.45 e	100.36 hg	99.65 h	99.45	100.27 f	100.27 e	99.45 b	99.67 b
0.06	99.56 f	99.78 e	100.79 h	100.25 h	100.32	100.54 f	99.91 e	100.09 cb	99.07 ba
0.08	100.23 f	100.54 e	100.21 hg	100.25 h	100.09	99.89 f	100.54 e	100.56 cb	99.89 b
0.1	100.21 f	100.01 e	99.68 g	99.83 h	100.32	99.96 f	100.33 e	100.65 c	99.60 b
0.2	103.98 h	103.35 g	102.36 i	102.36 ji	100.89	101.56 g	100.34 e	100.98 c	101.91 c
0.4	104.23 ih	103.68 g	102.56 i	102.98 j	102.59	103.05	103.89 h	99.40 b	101.43 c
0.8	105.03 ji	104.79 h	102.87 i	102.45 ji	103.23	102.98 h	102.56 gf	102.56 ed	100.89 cb
1.0	105.01 ji	104.68 h	105.02 j	103.56 k	103.98	103.89 ih	103.50 hg	102.98 e	100.20 b
2.0	105.67 j	105.21 h	105.64 j	105.45 l	105.02	104.32 i	104.56 h	101.86 d	100.98 cb
3.0	102.21 g	101.98 f	104.89 j	103.36 kj	104.36	103.21 ih	101.98 f	100.03 cb	100.25 b
4.0	102.11 g	102.03 f	102.03 i	101.80 i	102.79	102.34 hg	100.35 e	100.07 cb	100.35 b
6.0	96.89 e	97.25 d	98.56 f	97.22 g	99.45	100.09 f	100.23 e	101.32	99.87 b
8.0	96.91 e	97.09 d	98.04 f	97.03 g	98.23	98.21 e	100.04 e	100.03 cb	100.02 b
9.0	94.03 d	94.35 c	94.21 e	94.57 e	95.23	95.45 d	99.98 e	99.64 b	98.24 ba
13.5	90.49 c	91.65 b	90.19 d	91.23 d	91.12	90.23 d	97.25 d	100.09 b	99.87 b
16	87.09 b	87.85 b	87.04 c	89.42 c	88.67	88.04 c	93.45 c	100.58 c	99.12 b
18	86.21 b	85.21 a	85.23 b	86.54 b	87.25	86.14 b	89.19 b	99.45 b	98.45 ba
20	84.09 a	84.23 a	84.14 a	84.21 a	84.32	84.56 a	87.03 a	98.03 a	98.16 a

Table S4. Chelating properties to samples with thiamine pyrophosphate and EGC

thiamine [mg/100g]	Chelating properties								
	Concentrations of EGC [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 g	100.00 f	100.00 g	100.00 g	100.00 g	100.00 g	100.00 f	100.00 c	100.00 b
0.01	100.67hg	100.05 f	100.50 g	100.08 g	100.61 g	g	100.00 f	100.64 dc	99.82 ba
0.02	101.70 h	101.12 g	100.07 g	100.50 g	100.35 g	99.91 g	99.91 f	100.36 dc	100.09 b
0.04	100.00 g	100.05 f	100.36 g	100.75 g	100.61 g	100.27 hg	100.27 gf	100.64 dc	100.25 b
0.06	100.21 g	100.11 f	99.98 g	99.85 g	100.05 g	100.00 hg	99.91 f	100.09 c	101.01 cb
0.08	100.03 g	100.03 f	100.23 g	100.25 g	100.09 g	100.23 hg	100.03 gf	100.09 c	100.73 b
0.1	100.05 g	100.01 f	99.81 g	99.96 g	100.45 g	100.09 hg	100.46 gf	100.78 d	99.73 ba
0.2	100.72 hg	102.32 g	102.50 h	102.27 h	101.74 h	101.60 h	101.61 hg	101.32 ed	100.05 b
0.4	104.51 j	104.07 h	103.94 i	102.74 h	104.27 i	103.85 j	103.28 j	100.69 d	100.06 b
0.8	105.72 k	104.27 ih	104.28 i	104.14 i	104.32 i	104.74 k	104.80 ki	103.74 f	99.89 ba
1.0	105.82 k	105.71 i	106.00 j	105.83 j	105.90 j	105.71 k	105.09 k	100.26 dc	100.06 b
2.0	105.30 kj	105.45 i	106.21 j	106.78 j	106.88 k	107.32 j	106.56 l	102.02 e	99.89 ba
3.0	102.24 i	100.04 gf	104.48 i	102.37 h	103.32i	102.70 i	103.90 ij	100.65 dc	100.45 b
4.0	101.15 hg	100.78 gf	100.23 g	100.81 hg	101.80 h	100.81 h	100.94 g	101.37 ed	101.98 c
6.0	94.96 e	95.01 f	95.21 f	94.96 f	95.99 f	96.00 f	99.63 f	101.46 ed	100.98 cb
8.0	94.96 f	95.01 f	95.21 f	94.96 f	95.99 f	96.00 f	99.63 f	101.71 ed	101.25 c
9.0	91.54 e	91.22 e	91.73 e	91.07 e	92.54 e	92.43 e	97.54 e	100.94 d	100.26
13.5	86.56 d	87.45 d	87.32 d	87.33 d	87.53 d	88.56 d	89.08 d	100.74 c	99.48 ba
16	84.99 c	84.99 c	84.62 c	85.10 c	85.46 c	85.88 c	88.85 c	100.60 c	100.24 b
18	82.05 b	83.00 b	82.14 b	83.58 b	83.11 b	83.14 b	85.58 b	99.57 b	99.57 ba
20	81.08 a	81.23 a	81.11 a	81.37 a	80.90 a	81.47 a	83.00 a	98.86 a	98.97 a

Table S5. Chelating properties to samples with thiamine hydrochloride and ECG

thiamine [mg/100g]	Chelating properties								
	Concentrations of ECG [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 f	100.00 g	100.00 g	100.00 e	100.00 f	100.00 g	100.00 fe	100.00 b	100.04 dc
0.01	100.67 gf	100.05 g	100.50 hg	100.08 e	100.61 gf	100.00 g	100.00 fe	100.64 cb	99.89 c
0.02	101.70 h	101.12 h	100.07 g	100.50 e	100.35 gf	99.91 g	99.91 e	100.36 cb	100.07 dc
0.04	100.00 f	100.05 hg	100.36 hg	100.75 e	100.61 hg	100.27 hg	100.27 fe	100.64 e	99.67 c
0.06	100.21 f	99.89 g	100.79 h	100.25 e	100.09 f	99.91 g	99.91 e	100.09 b	99.07 cb
0.08	100.23 f	99.56 g	100.34 g	100.25 e	100.09 f	100.09 g	99.89 e	100.09 b	99.89 c
0.1	101.56 hg	100.01 g	99.68 g	99.83 f	100.32 gh	99.96 g	100.33 fe	100.65 cb	99.60 c
0.2	103.45 i	103.35 i	103.69 i	104.03 g	102.36 i	100.93 ih	100.34 f	100.98 c	101.91 f
0.4	104.08 ji	103.68 i	103.56 i	104.56 hg	103.25 i	103.05 j	103.89 h	100.25 cb	101.43 e
0.8	104.98 kj	104.79 j	100.55 hg	101.76 f	103.23 i	102.98 ij	102.56 g	100.15 b	100.89 ed
1.0	104.86 j	104.68 j	105.02 j	101.67 f	101.00 h	102.98 j	103.50 h	102.35 ed	100.20 dc
2.0	105.67 k	105.45 j	106.02 j	105.09 h	104.89 j	104.68 k	102.56 g	101.86 d	100.98 ed
3.0	103.23 i	101.03 h	103.98 i	103.36 g	104.36 j	103.33 j	102.22 g	101.01 dc	100.32 dc
4.0	102.14 h	101.77 h	101.22 h	101.80 f	102.79 i	101.80 i	101.93 g	102.36 ed	101.85 ef
6.0	96.93 e	96.98 f	97.18 f	96.93 e	97.96 e	97.97 f	101.60 g	102.45 e	100.03 dc
8.0	96.93 e	96.98 f	97.18 f	96.93 e	97.96 f	97.97 f	100.03 e	102.70 e	99.58 c
9.0	93.51 d	93.19 e	93.70 e	93.04 e	94.51 e	94.40 e	99.51 e	101.93 d	99.45 cb
13.5	90.56 c	90.23 d	89.98 d	90.03 d	90.10 d	89.98 d	91.05 d	100.21 cb	98.25 a
16	86.96 b	86.96 c	86.59 c	87.07 c	87.43 c	87.85 c	90.82 c	100.98 c	99.12 cb
18	84.02 a	84.95 b	84.98 b	85.55 b	85.08 b	85.11 b	87.55 b	100.56 cb	98.54 ba
20	83.05 a	83.45 a	83.56 a	83.07 a	83.56 a	83.07 a	84.97 a	97.98 a	98.12 a

Table S6. Chelating properties to samples with thiamine pyrophosphate and ECG

thiamine [mg/100g]	Chelating properties								
	Concentrations of ECG [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 g	100.00 f	100.00 g	100.00 g	100.00 h	100.00 g	100.00 f	100.00 c	100.00 c
0.01	100.67 g	100.05 f	100.50 hg	100.08 g	100.61 ih	100.00 g	100.00 f	100.64	99.82 c
0.02	101.70 h	101.12 g	100.07 g	100.50 hg	100.35 h	99.91 g	99.91 f	100.36 dc	100.09 dc
0.04	100.00 g	100.05 e	100.36 hg	100.75 hg	100.61 ih	100.27 hg	100.27 gf	100.64 dc	100.25d c
0.06	100.21 g	100.11 e	99.98 g	99.85 g	100.05 h	100.02 g	99.91 f	100.09 c	101.01 ed
0.08	100.03 g	100.03 e	100.23 hg	100.25	100.09 h	100.23 hg	100.03 f	100.09 c	100.73 d
0.1	100.05 g	100.01 e	99.81 g	99.96 g	100.45 ih	100.09 g	100.46 gf	100.78 dc	99.73 c
0.2	100.87 hg	102.47 h	102.65 i	102.42 i	101.89 ji	101.75 i	101.76 ih	101.47 d	100.05 c
0.4	104.73 i	104.22 i	104.09 j	102.89 i	104.42 k	104.00 k	103.43 j	100.84 d	100.06 c
0.8	105.87 j	104.21 i	104.43 kj	104.29 j	104.47 k	104.89 lk	104.95 k	103.89 e	99.89 c
1.0	105.97 ki	105.89 kj	106.15 l	105.98 k	105.58 l	105.67 l	105.48 k	104.86 f	100.06 dc
2.0	106.89 k	106.79 k	106.47 ml	106.93 l	107.00 m	106.65 m	107.09 l	106.21 g	99.89 c
3.0	103.99 i	105.42 j	105.33 lk	104.89 j	103.67 k	103.09 j	102.47 i	103.67 e	100.45 dc
4.0	101.15 hg	101.15 g	101.15 h	101.15 h	101.15 i	101.15 ih	101.15 hg	101.15 d	101.98 e
6.0	93.97 f	94.02 e	94.22 f	93.97 f	95.00 g	95.01 f	98.64 e	100.98 d	99.56 c
8.0	93.97 f	94.02 e	94.22 f	93.97 f	95.00 g	95.01 f	98.64 e	99.78 c	98.45 c
9.0	90.55 e	90.23 e	90.74 e	90.08 e	91.55 f	91.44 e	96.55 d	100.94 d	100.24 dc
13.5	85.57 d	86.46 d	86.33 d	86.34 d	86.54 e	87.57 d	88.09 c	98.56 b	99.45 c
16	84.00 c	84.00 c	83.63 c	84.11 c	84.47 c d	84.89 c	87.86 c	98.12 b	98.78 cb
18	81.06 b	82.01 b	81.15 b	82.59 b	82.12 b	82.15 b	84.59 b	98.03 b	98.56 b
20	80.09 g	80.24 a	80.12 a	80.38 a	79.91 a	80.48 a	82.01 a	97.12 a	97.98 a

Table S7. Chelating properties to samples with thiamine hydrochloride and caffeine

thiamine [mg/100g]	Chelating properties								
	Concentrations of caffeine [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 f	100.00 h	100.00 gf	100.00 g	100.00 fe	100.00 ed	100.00 dc	100.00 cb	100.03 c
0.01	100.67 g	100.05 h	100.50 g	100.08 gf	100.61 e	100.00 ed	100.00 dc	100.64 dc	99.67 cb
0.02	101.70 h	100.20 h	99.76 f	100.50 gf	100.35 fe	99.91 d	99.56 c	100.36 c	99.89 cb
0.04	100.00 f	100.05 h	100.36 gf	100.75 hg	100.61	100.27 ed	100.27 dc	100.64 dc	99.98 cb
0.06	99.89 fe	101.83 i	100.79 g	100.25 gf	99.45 e	99.91 d	99.91 c	100.09 cb	100.56 dc
0.08	100.04 f	100.04 h	100.78 g	100.25 gf	100.09 fe	101.54 f	99.98 c	100.09 cb	100.01 c
0.1	99.98 f	99.76 hg	99.45 f	100.04 gf	99.56 e	100.23 ed	100.09 dc	100.04 cb	100.06 c
0.2	100.09 f	100.05 h	99.89 f	100.00 f	99.80 e	99.78 d	100.89 d	100.27 c	100.09 c
0.4	99.98 f	99.78 hg	99.89 f	100.56 g	100.47 fe	100.89 e	100.86 d	99.67 cb	100.09 c
0.8	101.45 hg	100.78 h	99.85 f	100.45 gf	99.78 e	99.67 d	99.56 c	99.03 b	99.37 b
1.0	102.34 ih	102.98 j	100.89 hg	101.34 h	100.05 fe	99.78 d	95.27 a	100.91 ed	99.73 cb
2.0	104.78 j	104.56 k	103.03 i	102.56 i	100.99 gf	101.34 fe	102.56 f	101.47 e	102.81 e
3.0	100.78 g	103.67 kj	103.78 i	103.98 j	101.67 g	101.67 f	100.87 ed	102.97 f	104.37 f
4.0	100.07 gf	99.78 hg	101.45 h	102.45 i	103.45 h	99.87 d	101.77 fe	100.78 dc	103.67 fe
6.0	98.94 e	99.01 g	100.56 g	100.45gf	100.47 fe	100.45 ed	100.67 d	100.67 dc	100.92 dc
8.0	99.34 fe	96.66 f	97.68 e	99.67 f	99.69 e	100.56 ed	99.89 c	100.91 ed	104.07
9.0	95.08 d	94.57 e	95.09 d	95.13 e	99.77 e	100.59 ed	100.45 dc	100.56 dc	100.56 dc
13.5	92.22 c	91.59 d	92.11 c	92.15 d	92.57 d	95.66 c	101.23 e	102.35	98.98 ba
16	86.98 b	86.45 c	86.12 b	87.03 c	88.94 c	93.45 b	99.89 c	99.56 b	98.75 ba
18	83.32 a	81.87 a	84.45 a	85.98 b	86.39 b	90.21 a	95.12 a	99.78 cb	98.21 a
20	83.56 a	83.59 b	83.69 a	84.45 a	85.03 a	90.23 a	98.56 b	97.24 a	98.75 ba

Table S8. Chelating properties to samples with thiamine pyrophosphate and caffeine

thiamine [mg/100g]	Chelating properties								
	Concentrations of caffeine [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 f	100.00 h	100.00 gf	100.00 g	100.00 f	100.00 ed	100.00 d	100.00 ba	100.00 c
0.01	100.67 gf	100.05 h	100.50 gf	100.08 g	100.61 gf	100.00 ed	100.00 d	100.64 cb	99.67 cb
0.02	101.70 ih	100.20 ih	99.76 f	100.50 hg	100.35 gf	99.91 ed	99.56 dc	100.36 b	99.89 cb
0.04	100.00 f	100.05 h	100.36 gf	100.75 hg	100.61 gf	100.27 e	100.27 d	100.64 cb	99.98 cb
0.06	99.89 f	101.83 k	100.79 g	100.25 g	99.45 fe	99.91 ed	99.91 dc	100.09 b	100.56 dc
0.08	100.04 f	100.04 h	100.78 hg	100.25 g	100.09 f	101.54 f	99.98 dc	100.09 b	100.01 c
0.1	99.98 f	99.76 h	99.45 f	100.04 g	99.56 fe	100.23 e	100.09 d	100.21 b	100.06 c
0.2	100.09 f	100.05 h	99.89 f	100.00 g	99.80 f	99.78 ed	100.89 ed	100.06 b	100.09 dc
0.4	99.98 f	99.78 h	99.89 f	100.56 hg	100.47 gf	100.21 ed	99.45 dc	99.65 ba	100.09 dc
0.8	101.45 hg	100.78 ji	99.85 f	100.45 hg	99.78 fe	99.67 ed	99.56 dc	99.03 a	100.02 c
1.0	102.34 i	102.98 l	100.89 hg	101.34 h	100.05 f	100.35 e	95.2 a	100.91 cb	100.03 c
2.0	104.78 j	104.56 m	103.03 j	102.56 i	100.99 g	101.34 f	102.56 f	101.47 dc	101.54 ed
3.0	100.08 f	100.32 ih	102.21 ji	103.98 j	102.35 h	101.67 f	100.03 d	99.65 ba	100.23 c
4.0	100.05 f	99.78 h	101.45 ih	102.45 i	103.45 i	99.87 ed	101.77 e	100.78 cb	99.89 cb
6.0	97.96 e	98.03 g	99.58 f	99.47 gf	99.49 fe	99.47 d	100.23 ed	100.32 cb	100.92 dc
8.0	98.41 e	95.68 f	96.70 e	98.69 f	99.03 e	99.58 d	98.91 c	99.93 ba	104.07 f
9.0	94.10 d	93.45 e	95.03 d	94.15 e	98.79 e	99.61 d	99.47 dc	99.58 ba	100.56 dc
13.5	91.23 c	90.61 d	91.13 c	91.17 d	91.59 d	94.68 c	100.25	100.32 cb	98.98 ba
16	87.03 b	85.47 c	85.14 b	86.05 c	87.96 c	92.56 b	98.91 c	102.03 ed	98.75 a
18	82.39 a	80.89 a	83.24 a	85.12 b	85.64 b	89.23 a	97.03 b	102.45 e	98.21 a
20	82.58 a	82.61 b	82.71 a	83.47 a	84.05 a	89.25 a	97.51 b	100.32 cb	98.75 a

Table S9. Reducing power to samples with thiamine hydrochloride and EGCG

thiamine [mg/100g]	Reducing power								
	Concentrations of EGCG [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 g	100.00 f	100.00 f	100.00 g	100.00 hg	100.00 hg	100.00 hg	100.00 d	100.00 b
0.01	99.58 g	100.12 gf	100.21 f	100.98 h	100.25 hg	99.87 hg	100.56 h	100.00 d	100.24 b
0.02	99.89 g	99.89 f	100.35 f	100.54 hg	99.45 g	100.35 hg	100.45 h	99.89 d	100.54 b
0.04	100.26 hg	99.45 f	99.89 f	99.87 g	100.89 h	100.22 hg	100.89 h	99.45 d	100.65 b
0.06	100.09 g	100.35 gf	100.13 f	100.45 h	100.65 h	100.45	99.45 g	100.25 ed	99.45 ba
0.08	100.03 g	100.09 f	100.45 f	101.54	100.98 h	100.87 h	100.14 gh	100.34 ed	100.54 b
0.1	101.12 h	101.13 g	100.44 f	100.33 hg	100.09 hg	100.01 hg	100.97 ih	99.97 d	100.16 b
0.2	103.12 i	102.35 h	103.56 ih	102.45 ji	102.45 ji	102.39 i	101.98 j	100.56 ed	100.09 b
0.4	102.44 i	104.43 kj	102.73 hg	101.77 i	103.12 kj	102.90 i	101.94 j	101.03 fe	100.09 b
0.8	106.19 j	105.11 lk	102.66 g	102.33 ji	102.20 i	102.77 i	102.33 j	100.77 ed	100.36 b
1.0	105.86 j	105.86 ml	103.91 i	103.66 j	103.56 k	102.23 i	102.03 j	100.91 e	100.13 b
2.0	106.33 j	106.29 m	105.86 j	105.56 k	105.03 l	104.71 j	103.98 k	101.31 f	100.25 b
3.0	104.12	104.11 ji	103.65 ih	103.41 ji	103.51 jk	102.10 i	102.41 j	101.10 fe	100.08 b
4.0	103.11 i	103.41 i	102.99 g	103.08 ji	102.96 ji	102.18 i	101.11 ij	100.85 e	100.32 b
6.0	100.11 g	100.26 gf	100.10 f	100.32 g	99.74 g	99.32 g	100.12 hg	99.43 d	100.09 b
8.0	98.75 f	99.89 f	89.78 e	94.86 f	94.74 f	94.85 f	96.74 f	99.65 d	99.85 b
9.0	90.72 e	90.65 e	90.62 e	90.08 e	92.32 e	92.96 e	95.85 e	98.32 c	100.02 b
13.5	85.03 d	84.88 d	83.98 d	84.96 d	85.29 d	85.85 d	85.99 d	97.56 cb	100.09 b
16	83.19 c	82.96 c	82.45 c	82.46 c	82.79 c	83.43 c	84.90 c	97.32 b	99.65 ba
18	79.10 b	78.99 b	79.49 b	79.71 b	79.82 b	79.90 b	82.32 b	96.85 ba	98.75 a
20	77.72 a	77.41 a	77.52 a	78.07 a	77.69 a	78.76 a	79.32 a	96.52 a	97.99 a

Table S10. Reducing power to samples with thiamine pyrophosphate and EGCG

thiamine [mg/100g]	Reducing power								
	Concentrations of EGCG [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 g	100.00 gf	100.00 g	100.00 g	100.00 hg	100.00 hg	100.00 hg	100.00 ed	100.00 c
0.01	99.58 gf	100.12 gf	100.21 hg	100.98	100.25 hg	99.87 g	100.56 h	100.00 ed	100.24 c
0.02	99.89 g	99.89 f	100.35 hg	100.54 hg	99.45 g	100.35 hg	100.45 h	99.89 d	100.54 c
0.04	100.26 g	99.45 f	99.89 g	99.87 g	100.89 h	100.22 hg	100.89 h	99.45 d	100.65 c
0.06	100.09 g	100.35 gf	100.13 hg	100.45 g	100.65 h	100.45 h	99.45 g	100.25 ed	99.45 cb
0.08	100.03 g	100.09 gf	100.45 h	101.54 h	100.98 h	100.87 h	100.14 hg	100.34 ed	100.54 c
0.1	101.12 h	101.13 g	100.44 hg	100.33 g	100.09 hg	100.01 hg	100.97 ih	99.97 d	100.16 c
0.2	103.12 i	103.55 h	103.56 j	103.04 ji	103.12	102.98 ji	101.11 i	100.75 e	100.09 c
0.4	102.44 h	104.43 i	102.73 i	101.77 ih	103.56 ji	103.56 kj	101.94 ji	100.44 ed	100.09 c
0.8	106.19 k	105.11 ji	102.66 i	102.33 i	104.03 j	103.89 k	102.33 j	100.77 e	100.36 c
1.0	105.86 k	105.86 kj	103.91 j	103.66 j	103.98 j	104.23 k	103.56 k	100.91 fe	100.13 c
2.0	106.33 k	106.29 k	105.86 k	104.75 k	104.14 j	104.71	102.86 kj	101.31 f	100.25 c
3.0	104.12 j	104.11 ih	103.65 j	103.41 j	103.51 ji	102.10 i	102.41 j	101.10 f	100.08 c
4.0	103.11 hi	103.41 h	102.99 ji	103.08 ji	102.96 i	102.18 i	101.11 i	100.85 fe	100.32 c
6.0	100.11 g	100.26 gf	100.10 hg	100.32 g	99.74 g	99.32 g	100.12 hg	99.43 d	100.09 c
8.0	98.75 f	99.89 f	89.78 e	94.86 f	94.74 f	94.85 f	96.74 f	99.65 d	99.85 c
9.0	90.72 e	90.65 e	90.62 f	90.08 e	92.32 e	92.96 e	95.85 e	98.32 c	100.02 c
13.5	85.03 d	84.88 d	83.98 d	84.96 d	85.29 d	85.85 d	85.99 d	97.56 b	100.09 c
16	83.19 c	82.96 c	82.45 c	82.46 c	82.79 c	83.43 c	84.90 c	97.32 ba	99.65 cb
18	79.10 b	78.99 b	79.49 b	79.71 b	79.82 b	79.90 b	82.32 b	96.85 b	98.75 ba
20	77.72 a	77.41 a	77.52 a	78.07 a	77.69 a	78.76 a	79.32 a	96.52 a	97.99 a

Table S11. Reducing power to samples with thiamine hydrochloride and EGC

thiamine [mg/100g]	Reducing power								
	Concentrations of EGC [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 g	100.25 fe	100.00 f	100.00 h	100.00 g	100.00 hg	100.00 ed	100.00 b	100.00 dc
0.01	100.25 g	100.08 e	100.09 f	100.08 ih	100.09 g	99.98 hg	100.03 ed	100.09 cb	100.00 dc
0.02	101.03 h	100.20 fe	100.12 f	100.50 ih	99.89 g	100.45 hg	100.12 ed	100.17 cb	100.21 dc
0.04	100.35 g	99.89 e	100.34 gf	100.75 i	100.17 hg	100.65 hg	99.98 ed	100.19 cb	100.09 dc
0.06	100.09 g	100.05 e	100.09 f	99.85 h	100.19 hg	101.09 ih	100.17 ed	100.19 cb	99.89 c
0.08	100.65 hg	99.58 e	100.05 f	100.56 ih	100.21 hg	100.87 h	100.16 ed	99.98 b	100.25 dc
0.1	100.09 g	99.89 e	100.09 f	99.84 h	100.33 ih	99.97 g	100.34 e	100.66 c	99.61 c
0.2	102.03 i	102.12 g	102.20 h	102.12 j	103.45 k	102.56 ji	101.86 gf	100.54 cb	99.93 c
0.4	103.74 kj	103.09 h	103.35 i	103.45 k	104.56	102.45 ji	102.23 hg	99.41 b	100.09 dc
0.8	104.11 lk	104.11 i	103.86 i	103.86 k	104.44 l	103.00 kj	103.03 h	100.36 cb	99.77 c
1.0	104.90 ml	105.83 j	105.69 j	103.45 k	103.98 lk	103.89 lk	103.09 h	101.05 c	100.89 ed
2.0	105.55 m	105.86 j	105.87 j	105.29 l	104.03 l	104.44 l	104.69 i	103.56 e	100.25 dc
3.0	103.10 j	100.90 f	105.34 j	103.23 k	104.23 l	103.20 k	102.09 g	101.99 d	100.32 dc
4.0	102.01 i	101.64 gf	101.09 g	101.67 j	102.66 l	101.67 i	101.80 gf	102.23 d	101.85
6.0	96.80 f	100.09 e	100.03 f	97.89 g	101.25 ji	97.84 f	101.47 f	101.32 dc	99.43 ca
8.0	96.80 f	100.01 e	97.89 e	100.35 f	97.83 f	100.35 hg	101.47 f	101.32 dc	98.32 ba
9.0	93.38 e	93.06 d	93.57 d	92.91 e	94.38 e	94.27 e	99.38 d	101.80 dc	100.11 e
13.5	90.43 d	90.10 c	89.85 c	89.90 d	89.77 d	89.85 d	93.56 c	100.25 cb	99.32 cb
16	86.43 c	86.83 b	86.46 b	86.54 c	87.30 c	87.72 c	90.69 b	100.85 c	98.65 ba
18	84.28 b	84.72 a	84.35 a	85.42 b	84.95 b	84.98 b	87.42 a	99.89 b	98.43 ba
20	83.26 a	84.56 a	83.43 a	82.94 a	82.56 a	83.49 a	86.98 a	97.46 a	97.85 a

Table S12. Reducing power to samples with thiamine pyrophosphate and EGC

thiamine [mg/100g]	Reducing power								
	Concentrations of EGC [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 ^{h}	100.25 ^{e}	100.00 ^{f}	100.00 ^{g}	100.00 ^{f}	100.00 ^{g}	100.00 ^{fe}	100.00 ^{b}	100.00 ^{dc}
0.01	100.25 ^{h}	100.08 ^{e}	100.09 ^{f}	100.08 ^{g}	100.09 ^{f}	99.98 ^{g}	100.03 ^{fe}	100.09 ^{cb}	100.00 ^{dc}
0.02	101.03 ^{j}	100.20 ^{fe}	100.12 ^{gf}	100.50 ^{hg}	99.89 ^{f}	100.45 ^{hg}	100.12 ^{fe}	100.17 ^{cb}	100.21 ^{dc}
0.04	100.35 ^{ih}	99.89 ^{e}	100.34 ^{gf}	100.75 ^{hg}	100.17 ^{f}	100.65 ^{hg}	99.98 ^{fe}	100.19 ^{cb}	100.09 ^{dc}
0.06	100.09 ^{h}	100.05 ^{e}	100.09 ^{f}	99.85 ^{g}	100.19 ^{f}	101.09	100.17 ^{fe}	100.19 ^{cb}	99.89 ^{c}
0.08	100.65 ^{ih}	99.58 ^{e}	100.05 ^{f}	100.56 ^{hg}	100.21 ^{gf}	100.87 ^{h}	100.16 ^{fe}	99.98 ^{b}	100.25 ^{dc}
0.1	100.09 ^{h}	99.89 ^{e}	100.09 ^{f}	99.84 ^{g}	100.33 ^{gf}	99.97 ^{g}	100.34 ^{f}	100.66 ^{cc}	99.61 ^{c}
0.2	102.56 ^{lk}	102.45 ^{ih}	102.20 ^{h}	102.24 ^{ji}	102.44 ^{h}	102.03 ^{ji}	101.86 ^{ih}	100.54 ^{c}	99.93
0.4	103.74 ^{nm}	103.09 ^{i}	103.35 ^{i}	102.76 ^{kj}	102.49 ^{h}	102.45 ^{kj}	101.20 ^{ge}	99.41 ^{b}	100.09 ^{dc}
0.8	104.11 ^{n}	104.11 ^{j}	103.86 ^{i}	103.86 ^{l}	104.44 ^{j}	103.00 ^{k}	103.03 ^{j}	100.36 ^{c}	99.77 ^{c}
1.0	104.90 ^{on}	105.83 ^{k}	105.69 ^{j}	103.45 ^{lk}	103.04 ^{h}	101.05 ^{ih}	103.09 ^{j}	101.05 ^{dc}	100.89 ^{d}
2.0	105.55 ^{o}	105.86 ^{k}	105.87 ^{j}	105.29 ^{m}	104.03 ^{j}	104.44 ^{l}	104.69 ^{k}	101.97 ^{d}	100.25 ^{dc}
3.0	103.10 ^{ml}	100.90 ^{gf}	105.34 ^{j}	103.2 ^{lk}	104.23 ^{j}	103.20 ^{k}	102.09 ^{i}	101.99 ^{d}	100.32 ^{dc}
4.0	102.01 ^{ki}	101.64 ^{hg}	101.09 ^{g}	101.67 ^{ih}	102.66 ^{ih}	101.67 ^{i}	101.80 ^{ih}	102.23 ^{d}	101.85 ^{e}
6.0	96.80 ^{g}	100.09 ^{e}	100.03 ^{f}	97.89 ^{f}	101.25 ^{g}	97.84 ^{f}	101.47 ^{hg}	101.32 ^{dc}	99.43 ^{c}
8.0	96.80 ^{f}	100.01 ^{e}	97.89 ^{e}	100.35	97.83 ^{f}	100.35	101.47 ^{hg}	101.32 ^{dc}	98.32 ^{b}
9.0	93.38 ^{e}	93.06 ^{d}	93.57 ^{e}	92.91 ^{e}	94.38 ^{e}	94.27 ^{e}	99.38 ^{e}	101.80 ^{d}	100.11 ^{dc}
13.5	90.43 ^{d}	90.10 ^{c}	89.85 ^{d}	89.90 ^{d}	89.77 ^{d}	89.85 ^{d}	93.56 ^{d}	100.25 ^{cb}	99.32 ^{cb}
16	86.43 ^{c}	86.83 ^{b}	86.46 ^{c}	86.54 ^{c}	87.30 ^{c}	87.72 ^{c}	90.69 ^{c}	100.85 ^{c}	98.65 ^{b}
18	84.28 ^{b}	84.72 ^{a}	84.35 ^{b}	85.42 ^{b}	84.95 ^{b}	84.98 ^{b}	87.42 ^{b}	99.89 ^{b}	98.43 ^{ba}
20	83.26 ^{a}	84.56 ^{a}	83.43 ^{a}	82.94 ^{a}	82.56 ^{a}	83.49 ^{a}	86.98 ^{a}	97.46 ^{a}	97.85 ^{a}

Table S13. Reducing power to samples with thiamine hydrochloride and ECG

thiamine [mg/100g]	Reducing power								
	Concentrations of ECG [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 f	100.00 f	100.00 g	100.00 h	100.00 g	100.00 g	100.00 g	100.00 c	100.04 c
0.01	100.12 f	99.89 f	100.50 g	99.89 h	100.09 g	100.19 g	99.98 g	100.26 dc	99.89 c
0.02	100.09 f	100.12 f	100.15 g	100.19 h	100.04 g	99.98 g	100.25 hg	100.13 dc	100.07 c
0.04	100.06 f	100.23 f	100.46 g	100.07 h	99.56 g	100.43 hg	100.19 g	100.19 dc	100.09 c
0.06	100.05 f	100.09 f	100.00 g	100.07 h	100.15 g	99.91 g	100.25 g	99.24 c	99.07 c
0.08	100.03 f	100.19 f	100.65 g	100.14 h	100.23 g	100.05 g	99.86 g	99.89 c	100.04 c
0.1	100.09 f	100.47 f	100.01 g	100.56 h	100.20 g	100.03 g	100.21 g	100.53 dc	99.47 c
0.2	103.86 ih	103.23 h	102.86 h	103.56 k	102.12 ih	102.03 ji	102.56 ji	100.86 d	101.79 d
0.4	104.11 i	103.56 h	100.55 g	104.03 lk	103.56 j	102.93 j	103.77 k	99.28 c	101.31 d
0.8	104.91 j	104.67 i	103.45 h	101.64 i	103.11 ji	102.86 j	102.44 i	100.03 dc	100.77 dc
1.0	104.89 ji	104.56 i	104.90 i	102.56 j	103.54 j	103.88 lk	103.38 kj	100.69 dc	100.08 c
2.0	105.55 j	105.09 i	105.52 i	105.33 m	104.90 k	104.20 l	103.42 kj	102.45	100.86 dc
3.0	103.34 h	103.32 h	103.29 h	103.08 kj	103.18 ji	102.99 kj	101.85 ih	101.11 ed	100.19 dc
4.0	101.08 g	100.65 gf	100.10 g	100.68 ih	101.67 h	101.10 ih	101.43 h	100.99 d	101.72 d
6.0	94.56 e	93.89 f	94.09 f	93.84 g	94.87 f	94.88 f	98.51 f	100.85 dc	100.23 c
8.0	93.79 e	93.89 f	94.09 f	93.84 g	94.87 f	94.88 f	98.51 f	99.65 c	99.89 c
9.0	90.24 d	90.10 ie	90.61 e	88.99 f	91.39 e	91.31 e	96.42 e	100.81 dc	98.86 b
13.5	86.23 c	86.33 d	86.20 d	86.21 d	86.41 d	87.44 d	87.96 d	98.43 b	97.42 a
16	83.87 b	83.87 c	83.50 c	83.98 c	84.34 c	84.99 c	87.98 c	97.99 b	98.19 ba
18	80.93 a	81.88 b	81.02 b	82.46 b	81.99 b	82.02 b	84.46 b	97.90 b	99.89 c
20	79.96 a	80.11 a	79.99 a	80.25 a	79.78 a	80.35 a	82.89 a	96.96 a	98.75 b

Table S14. Reducing power to samples with thiamine pyrophosphate and ECG

thiamine [mg/100g]	Reducing power								
	Concentrations of ECG [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 f	100.00 g	100.00 g	100.00 g	100.00 g	100.00 g	100.00 g	100.00 dc	100.04 c
0.01	100.12 f	99.89 g	100.50 g	99.89 g	100.09 g	100.19 hg	99.98 g	100.26 dc	99.89 c
0.02	100.09 f	100.12 g	100.15 g	100.19 g	100.04 g	99.98 g	100.25 g	100.13 dc	100.07 c
0.04	100.06 f	100.23 g	100.46 g	100.07 g	99.56 g	100.43 hg	100.19 g	100.19 dc	100.09 c
0.06	100.05 f	100.09 g	100.00 g	100.07 g	100.15 g	99.91 g	100.25 g	99.24 c	99.07 c
0.08	100.03 f	100.19 g	100.65 g	100.14 g	100.23 g	100.05 g	99.86 g	99.89 c	100.04 c
0.1	100.09 gf	100.47 g	100.01 g	100.56 g	100.20 g	100.03 g	100.21 g	100.53 ed	99.47 c
0.2	103.86 i	103.23 h	103.45 h	102.01 h	102.97 i	103.42 kj	100.22 g	100.86 ed	101.79 e
0.4	104.11 j	103.56 h	103.87 h	103.12 i	103.47 ji	102.93 j	103.77 j	99.28 c	101.31 ed
0.8	104.91 kj	104.67 i	103.45 h	103.45 i	103.11 ji	103.25 kj	102.44 i	100.03 dc	100.77 dc
1.0	104.89 kj	104.56 i	104.90 i	103.97 i	103.97 j	103.83 lk	103.38 j	100.69 d	100.08 c
2.0	105.55 k	105.09 i	105.52 i	105.33 j	104.90 k	104.67 l	104.19 j	103.98 f	100.86 dc
3.0	102.34 h	103.32 h	103.29 h	103.08 i	103.18 ji	102.99 i	101.85 ih	101.11 e	100.19 c
4.0	101.08 g	100.65 g	100.10 g	100.68 g	101.67 h	101.10 h	101.43 h	100.99 eg	101.72 e
6.0	94.56 e	93.89 f	94.09 f	93.84 f	94.87 f	94.88 f	98.51 f	100.85 ed	100.23 dc
8.0	93.79 e	93.89 f	94.09 f	93.84 f	94.87 f	94.88 f	98.51 f	99.65 c	99.89 c
9.0	90.24 d	90.10 e	90.61 e	88.99 e	91.39 e	91.31 e	96.42 e	100.81 ed	98.86 b
13.5	86.23 c	86.33 d	86.20 d	86.21 d	86.41 d	87.44 d	87.96 d	98.43 b	97.42 a
16	83.87 b	83.87 c	83.50 c	83.98 c	84.34 c	84.99 c	87.98 c	97.99 b	98.19 ba
18	80.93 a	81.88 b	81.02 b	82.46 b	81.99 b	82.02 b	84.46 b	97.90 b	99.89 c
20	79.96 a	80.11 a	79.99 a	80.25 a	79.78 a	80.35 a	82.89 a	96.96 a	98.75 b

Table S15. Reducing power to samples with thiamine hydrochloride and caffeine

thiamine [mg/100g]	Reducing power								
	Concentrations of caffeine [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 f	100.00 h	100.00 g	100.00 hg	100.00 gf	100.00 d	100.00 d	100.00 b	100.25 a
0.01	100.25 gf	100.07 h	100.25 hg	100.07 hg	100.03 gf	99.59 d	99.56 c	99.89 b	100.12 a
0.02	100.67 gf	100.28 h	100.19 gh	100.12 hg	100.12 gf	100.12 ed	100.02 dc	99.78 b	100.13 a
0.04	100.45 gf	100.08 h	100.09 gh	99.00 g	100.18 gf	100.24 ed	100.12 dc	100.34 cb	100.45 a
0.06	100.09 gf	100.45 h	100.20 gh	99.54 g	100.09 gf	100.56 e	100.26 a	100.12 b	100.23 a
0.08	100.12 gf	100.35 h	100.19 gh	100.04 hg	99.89 f	100.12 ed	100.23 dc	100.13 b	100.01 a
0.1	100.25 gf	99.64 h	99.33 h	99.37 g	99.44 f	100.11 ed	99.97 c	100.09 b	100.06 a
0.2	101.09	99.93 h	99.77 h	99.88 g	99.68 f	99.66 d	100.77 d	99.94 b	100.09 a
0.4	100.21 gf	99.66 h	99.77 h	100.44 h	100.35 gf	100.09 ed	99.98 c	99.53 b	100.07 a
0.8	101.33 g	100.66 h	99.73 h	100.33 h	99.66 f	100.07 ed	99.44 c	98.91 a	100.02 a
1.0	103.45 h	102.86 i	100.77 ih	101.22 i	100.08 gf	100.23 ed	97.15 a	99.75 b	100.03 a
2.0	104.66 i	104.42 j	102.88 kj	102.44 kj	100.87 g	101.22 fe	102.44	101.35	101.54 b
3.0	100.26 gf	100.19 h	102.08 j	103.85 l	102.22 h	101.54 fe	99.90	99.52 b	100.10 a
4.0	100.65 gf	100.25 h	101.32 ji	102.06 ji	103.32 i	99.74 d	101.64	100.65 c	99.76 a,
6.0	99.89 f	97.90 g	99.45 f	99.34 g	99.35 f	99.34 d	100.10	100.19 cb	100.78 ba
8.0	98.28 e	95.54 f	96.45 e	98.56 f	98.32 e	99.45 d	98.78 cb	99.80 b	103.94 c
9.0	93.97 d	93.32 e	94.90 d	94.02 e	98.65 e	99.48 d	99.34 c	100.23 cb	100.43 ba
13.5	91.10 c	90.48 d	91.00 c	91.04 d	91.45 d	94.55 c	100.12	100.19 cb	100.25 ba
16	86.90 c	89.75 c	85.01 b	86.78 c	87.83 c	92.43 b	98.78 b	101.90 d	100.38 ba
18	84.56 b	80.75 a	83.11 a	84.99 b	85.51 b	89.10 a	96.90 a	102.32 d	99.98 a
20	82.45 a	82.48 b	82.58 a	83.34 a	83.92 a	89.12 a	97.38 a	99.98 b	100.31 ba

Table S16. Reducing power to samples with thiamine pyrophosphate and caffeine

thiamine [mg/100g]	Reducing power								
	Concentrations of caffeine [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 g	100.00 ih	100.00 g	100.00 g	100.00 gf	100.00 ed	100.00 ed	100.00 b	100.25 a
0.01	100.25 hg	100.07 ih	100.25 hg	100.07 g	100.03 gf	99.59 d	99.56 d	99.89 b	100.12 a
0.02	100.67 hg	100.28 ih	100.19 hg	100.12 g	100.12 g	100.12 ed	100.02 ed	99.78 ba	100.13 a
0.04	100.45 hg	100.08 ih	100.09 hg	99.34 gf	100.18 g	100.24 ed	100.12 ed	100.34 cb	100.45 ba
0.06	100.09 g	100.45 ih	100.20 hg	99.44 gf	100.09 g	100.56 e	100.26 ed	100.12 b	100.23 a
0.08	100.12 g	100.35 ih	100.19 hg	100.04 g	99.89 gf	100.12 ed	100.23 ed	100.13 b	100.01 a
0.1	100.25 hg	99.64 h	99.33 g	99.37 gh	99.44 f	100.11 ed	99.97 ed	100.09 b	100.06 a
0.2	101.09 h	99.93 h	99.77 g	99.88 g	99.68 f	99.66 d	100.77 fe	99.94 b	100.09 a
0.4	100.21 hg	99.66 h	99.77 g	100.44 hg	100.35 g	100.09 ed	99.98 ed	99.53 ba	100.07 a
0.8	101.33 h	100.66 i	99.73 g	100.33 hg	99.66 f	100.07 ed	99.44 d	98.91 a	100.02 a
1.0	103.45 i	102.86 j	100.77 ih	101.22 h	100.08 gf	100.23 e	95.15 a	99.75 b	100.03 a
2.0	104.66 j	104.42 k	102.88 j	102.44 i	100.87 g	101.22 fe	102.44	101.35 c	101.54 b
3.0	100.26 hg	100.19 ih	102.08 ji	103.85 j	102.22 h	101.54 f	99.90 ed	99.52 ba	100.10 a
4.0	100.65 hg	100.25 ih	101.32 ih	102.06 ih	103.32 i	99.74 d	101.64 f	100.65 cb	99.76 a
6.0	99.89 g	97.90 g	99.45 g	99.34 gf	99.35 f	99.34 d	100.10 ed	100.19 ba	100.78 ba
8.0	98.28 f	95.54 f	96.45 f	98.56 f	98.32 e	99.45 d	98.78 dc	99.80 b	103.94 c
9.0	93.97 e	93.32 e	94.90 e	94.02 e	98.65 e	99.48 d	99.34 d	100.23 b	100.43 ba
13.5	91.10 d	90.48 d	91.00 d	91.04 d	91.45 d	94.55 c	100.12	100.19 b	100.25 a
16	86.90 c	89.75 c	85.01 c	86.78 c	87.83 c	92.43 b	98.78 c	101.90 d	100.38 ba
18	84.56 b	80.75 a	83.11 ab	84.99 b	85.51 b	89.10 a	96.90 b	102.32 d	99.98 a
20	82.45 a	82.48 b	82.58 a	83.34 a	83.92 a	89.12 a	97.38 b	99.98 a	100.31 ba

Table S17. DPPH scavenging properties to samples with thiamine hydrochloride and EGCG

thiamine [mg/100g]	DPPH scavenging								
	Concentrations of EGCG [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 g	100.00 g	100.00 f	100.00 e	100.00 f	100.00 f	100.00 fe	100.00 c	100.00 b
0.01	100.21 g	100.15 g	100.41 f	99.89 e	101.12 g	100.44 f	100.08 fe	100.13 c	100.09 b
0.02	100.65 g	100.52 g	100.25 f	99.54 e	102.08 hg	100.87 gf	100.45 gf	100.09 c	99.78 ba
0.04	99.78 g	100.00 g	100.50 gf	100.08 e	100.99 gf	100.57 gf	99.64 e	100.00 c	100.00 b
0.06	100.06 g	100.08 g	100.41 gf	99.87 e	100.00	100.55 gf	99.57 e	100.32 c	99.8b
0.08	100.48 g	100.02 g	100.16 f	100.54 e	99.97 f	100.47 gf	100.25 fe	100.87 d	100.45 cb
0.1	99.98 g	100.98 g	99.98 f	99.78 e	100.20 f	99.98 f	101.43 hg	100.03 c	99.78 ba
0.2	103.89 h	103.56 ih	104.56 i	102.56 f	103.56 i	101.56 hg	102.35 ih	100.98 d	100.36 cb
0.4	103.43 h	104.45 i	101.23 g	103.23 gf	103.98 i	102.30 h	100.95 gf	99.53 cb	99.78 ba
0.8	105.04 i	105.87 j	105.69 j	105.13 h	105.45 j	104.23 ji	104.56 j	100.50 dc	100.50 c
1.0	108.21	108.98 k	107.23 k	107.64 i	107.56 k	106.25 k	105.98 k	102.23 e	100.25 cb
2.0	110.02 j	109.78 k	109.56 l	109.21 j	110.23 l	109.23 l	104.89 j	102.32 e	100.00 b
3.0	105.23 i	105.45 j	105.79 j	105.23 h	105.45 j	105.31 k	103.03 i	100.00 c	100.00 b
4.0	103.59 h	103.45 h	103.29 h	104.02 g	103.21 i	103.56 i	103.22 i	100.98 d	100.21 cb
6.0	94.98 e	95.03 e	95.23 e	94.98 d	96.01 e	96.02 e	99.65 e	100.50 dc	100.03 b
8.0	97.98 f	98.03 f	98.12 f	95.45 d	96.01 e	96.02 f	100.23 fe	100.75 dc	99.34 ba
9.0	91.56 d	91.24 d	91.75 d	91.09 c	92.56 d	92.45 e	97.56 d	99.98 c	100.23 cb
13.5	85.69 c	86.58 c	86.45 c	86.46 b	86.55 c	87.69 d	88.21 c	98.89 b	99.56 ba
16	84.12 b	84.76 b	83.75 b	84.23 b	84.59 b	85.01 c	87.98 c	98.75 b	99.45 ba
18	82.04 a	82.16 a	83.41 b	82.37 a	81.98 a	83.45 b	81.59 a	97.72 ba	98.99 a
20	82.35 a	81.98 a	82.31 a	82.03 a	82.11 a	82.33 a	86.87 b	97.01 a	98.78 a

Table S18. DPPH scavenging to samples with thiamine pyrophosphate and EGCG

thiamine [mg/100g]	DPPH scavenging								
	Concentrations of EGCG [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 f	100.00 h	100.00 h	100.00 hg	100.00 g	100.00 g	100.00 f	100.00 dc	100.00 a
0.01	100.03 f	101.12 i	100.07 h	100.50 hg	100.35 g	99.91 g	99.91 f	100.36 d	99.85 a
0.02	100.12 f	100.05 h	100.36 h	100.75 hg	100.61 hg	100.27 g	100.27 f	100.64 d	99.58 a
0.04	100.03 f	100.11 h	99.98 hg	99.85 g	100.05 g	100.02 g	99.91 f	100.09 d	99.89 a
0.06	99.89 f	100.08 h	99.09 gf	101.56 i	100.00 g	100.55 hg	100.21 f	99.95 c	100.03 a
0.08	99.78 f	100.02 h	100.17 h	100.97 ih	100.03 g	100.87 hg	101.56 g	100.03 dc	100.12 a
0.1	101.43 g	101.43 i	100.43 h	100.23 hg	101.23 h	100.43 hg	101.88 g	100.23 d	100.21 a
0.2	103.28 h	102.56 j	103.05 i	103.29 kj	103.56 i	103.59 ji	102.03 g	100.23 d	100.03 a
0.4	103.25 h	103.45 k	104.32 j	103.25 j	104.12 i	104.03 j	103.30 h	101.23 fe	100.02 a
0.8	105.12 j	105.11 l	105.35 k	104.23 k	105.11 j	104.09 j	104.01 h	102.21 f	100.21 a
1.0	110.25 k	110.51 m	110.34 m	109.94 l	110.03 k	109.84 k	109.22 i	100.59 e	100.35 a
2.0	111.09 k	110.56 m	110.28 m	111.84 m	111.93 l	111.74 l	111.12 j	102.35	99.45 a
3.0	107.56	105.89 l	105.45 k	104.23 k	103.65 i	103.03 i	104.23 h	101.35 ed	100.03 a
4.0	104.59 i	103.21 kj	103.56 ji	102.36 ji	103.51 i	101.02 h	104.01 h	101.01 ed	100.12 a
6.0	98.45 g	99.56 g	98.12 f	97.89 f	97.12 f	97.88 f	98.03 e	99.13 c	100.09 a
8.0	97.03 f	97.89 f	98.02 f	97.03 f	98.01 f	97.21 f	98.56 e	100.01 dc	99.87 a
9.0	91.90 e	91.03 e	90.89 e	89.68 e	91.43 e	91.32 e	97.45 d	97.23 a	100.25 a
13.5	87.21 d	87.12 d	85.32 d	86.32 d	85.42 d	86.56 d	87.12 c	98.56 cb	99.87 a
16	85.24 c	84.38 c	84.29 c	84.67 c	83.46 c	83.88 c	86.45 c	98.32 b	100.19 a
18	81.12 b	80.23 b	80.03 b	80.56 b	78.99 b	79.61 b	80.51 b	98.01 ba	100.03 a
20	69.45 a	69.01 a	68.03 a	69.12 a	68.56 a	67.00 a	70.02 a	97.54 ba	99.99 a

Table S19. DPPH scavenging to samples with thiamine hydrochloride and EGC

thiamine [mg/100g]	DPPH scavenging								
	Concentrations of EGC [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 hg	100.00 hg	100.00 hg	100.00 g	100.00 hg	100.00 g	100.00 e	100.00 cb	100.04 cb
0.01	100.21 hg	100.21 hg	100.50 h	100.08 g	100.45 h	100.21 hg	100.65 f	99.87 cb	99.89 b
0.02	100.54 h	99.98 hg	99.54 g	100.50 g	100.35 hg	99.91 g	99.91 e	100.36 c	100.07 cb
0.04	99.45 g	100.45 hg	100.36hg,	99.65 g	99.45 g	100.27 hg	100.27 fe	99.45 b	99.67 ba
0.06	99.56 hg	99.78 g	100.79 h	100.25 g	100.32 hg	100.54ihg	99.91 e	100.09 cb	99.07 ba
0.08	100.23 hg	100.54 hg	100.21 hg	100.25 g	100.09 hg	99.89 g	100.54 fe	100.56 c	99.89 b
0.1	100.21 hg	100.01 hg	99.68 hg	99.83 g	100.32 hg	99.96 g	100.33 fe	100.65 c	99.60 ba
0.2	103.98 j	103.35 j	102.36 i	102.36 h	100.89 h	101.56 ji	100.34 fe	100.98 dc	101.91 d
0.4	104.23 kj	103.68 j	102.56 i	102.98 i	102.59 i	103.05	103.89 ji	99.40 b	101.43 d
0.8	105.03 lk	104.79 lk	102.87 i	102.45 ih	103.23 ji	102.98 lk	102.56 hg	102.56 fe	100.89 dc
1.0	105.01 lk	104.68 k	105.02 j	103.56 ji	103.98 kj	103.89 ml	103.50 ih	102.98 f	100.20 cb
2.0	105.67 l	105.21 l	105.64 j	105.45 k	105.02 l	104.32 m	104.56 j	101.86 ed	100.98 dc
3.0	102.21 i	101.98 ri	104.89 j	103.36 ji	104.36 lk	103.21 lk	101.98 g	100.03 cb	100.25 cb
4.0	102.11 i	102.03 i	102.03 i	101.80 h	102.79 ji	102.34 kj	100.35 fe	100.07 cb	100.35 cb
6.0	96.89 f	97.25 f	98.56 f	97.22 f	99.45 g	100.09 hg	100.23 fe	101.32 d	99.87 ba
8.0	96.91 f	97.09 f	98.04 f	97.03 f	98.23 f	98.21 f	100.04 fe	100.03 cb	100.02 cb
9.0	94.03 e	94.35 e	94.21 e	94.57 e	95.23 e	95.45 e	99.98 e	99.24 b	98.24 a
13.5	90.49 d	91.65 d	90.19 d	91.23 d	91.12 d	90.23 d	97.25 d	100.09 cb	99.87 ba
16	87.09 c	87.85 c	87.04 c	89.42 c	88.67 c	88.04 c	93.45 c	100.58 c	99.12 ba
18	86.21 b	85.21 b	85.23 b	86.54 b	87.25 b	86.14 b	89.19 b	99.45 b	98.45 a
20	84.09 a	84.23 a	84.14 a	84.21 a	84.32 a	84.56 a	87.03 a	98.03 a	98.16 a

Table S20. DPPH scavenging to samples with thiamine pyrophosphate and EGC

thiamine [mg/100g]	DPPH scavenging								
	Concentrations of EGC [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 ^{gf}	100.00 ^{g}	100.00 ^{e}	100.00 ^{f}	100.00 ^{fe}	100.00 ^{hg}	100.00	100.00 ^{dc}	100.00 ^{c}
0.01	100.07 ^{gf}	100.50 ^{hg}	100.35 ^{fe}	99.91 ^{f}	99.91 ^{fe}	100.36	100.00	100.64 ^{ed}	99.82 ^{cb}
0.02	100.36 ^{g}	99.78 ^{g}	100.02 ^{fe}	99.45 ^{f}	100.27 ^{f}	100.64 ^{hg}	99.91	100.36 ^{ed}	100.09 ^{cb}
0.04	99.98 ^{gf}	99.85 ^{g}	100.05 ^{fe}	100.02 ^{f}	99.91 ^{fe}	100.09 ^{hg}	100.27	100.64 ^{ed}	100.25 ^{cb}
0.06	100.21 ^{gf}	100.02 ^{hg}	99.98 ^{e}	99.85 ^{f}	100.05 ^{fe}	100.02 ^{hg}	99.91	100.09 ^{dc}	101.01 ^{dc}
0.08	100.03 ^{gf}	100.03 ^{hg}	100.23 ^{fe}	100.25 ^{f}	100.09 ^{fe}	100.23 ^{hg}	100.03	100.09 ^{dc}	100.73 ^{dc}
0.1	99.35 ^{f}	101.21 ^{ih}	100.44 ^{gf}	99.44 ^{f}	99.24 ^{e}	99.66 ^{g}	99.44	100.89 ^{ed}	99.73 ^{cb}
0.2	100.44 ^{g}	102.04 ^{i}	102.98 ^{h}	102.69 ^{hg}	101.46 ^{g}	101.32 ^{i}	101.33	101.04 ^{e}	100.05 ^{c}
0.4	104.30 ^{i}	103.79 ^{kj}	103.66 ^{h}	102.46 ^{hg}	103.99 ^{ih}	103.57 ^{j}	103.00	100.41 ^{ed}	100.06 ^{c}
0.8	104.26 ^{i}	103.00 ^{j}	103.01 ^{h}	102.87 ^{h}	103.05 ^{h}	103.47 ^{j}	103.53	102.47 ^{f}	99.89 ^{cb}
1.0	104.47 ^{i}	104.41 ^{lk}	104.73 ^{i}	104.51 ^{i}	104.16 ^{i}	104.25 ^{kj}	104.06	103.44 ^{g}	100.06 ^{c}
2.0	105.03 ^{i}	105.21 ^{l}	105.05 ^{i}	105.51 ^{j}	104.23 ^{i}	105.23 ^{k}	105.67	104.91 ^{h}	99.89 ^{cb}
3.0	105.25	103.58 ^{j}	103.14 ^{h}	101.92 ^{g}	101.34 ^{g}	100.72 ^{ih}	101.92	99.04 ^{cb}	100.12 ^{cb}
4.0	102.28 ^{h}	100.90 ^{h}	101.25 ^{g}	100.05 ^{gf}	101.20 ^{g}	98.71 ^{f}	101.70	98.70 ^{b}	101.65 ^{d}
6.0	96.14 ^{e}	97.25 ^{f}	95.81 ^{c}	95.58 ^{e}	94.81 ^{d}	95.57 ^{e}	95.72 ^{e}	96.82 ^{a}	100.65 ^{dc}
8.0	98.68 ^{g}	99.54 ^{g}	99.67 ^{e}	98.68 ^{f}	99.66 ^{e}	98.86 ^{f}	100.21 ^{hg}	101.66 ^{fe}	100.92 ^{dc}
9.0	95.45 ^{e}	96.12 ^{e}	95.89 ^{c}	94.89 ^{e}	95.67 ^{d}	95.45 ^{e}	98.21 ^{f}	98.88 ^{b}	99.93 ^{cb}
13.5	88.86 ^{d}	88.77 ^{d}	86.97 ^{d}	87.97 ^{d}	87.07 ^{c}	88.21 ^{d}	88.77 ^{d}	100.21 ^{dc}	99.15 ^{ba}
16	86.89 ^{c}	86.03 ^{c}	85.94 ^{c}	86.32 ^{c}	86.11 ^{c}	86.46 ^{c}	88.10 ^{c}	99.97 ^{c}	99.91 ^{cb}
18	82.77 ^{b}	81.88 ^{b}	81.68 ^{b}	82.21 ^{b}	80.91 ^{b}	81.26 ^{b}	82.16 ^{b}	99.66 ^{cb}	99.24 ^{ba}
20	71.10 ^{a}	70.66 ^{a}	69.68 ^{a}	70.77 ^{a}	70.21 ^{a}	70.70 ^{a}	79.99 ^{a}	99.19 ^{cb}	98.64 ^{a}

Table S21. DPPH scavenging to samples with thiamine hydrochloride and ECG

thiamine [mg/100g]	DPPH scavenging								
	Concentrations of cECG [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 ^{g}	100.00 ^{hg}	100.00 ^{g}	100.00 ^{g}	100.00 ^{g}	100.00 ^{g}	100.00 ^{d}	100.00 ^{b}	100.04 ^{cb}
0.01	100.67 ^{g}	100.05 ^{hg}	100.50 ^{hg}	100.08 ^{g}	100.61 ^{g}	100.00 ^{g}	100.00 ^{d}	100.64 ^{cb}	99.89 ^{cb}
0.02	101.70 ^{h}	101.12	100.07 ^{g}	100.50 ^{g}	100.35 ^{g}	99.91 ^{g}	99.91 ^{d}	100.36 ^{b}	100.07 ^{cb}
0.04	100.00 ^{g}	100.05 ^{hg}	100.36 ^{hg}	100.75 ^{g}	100.61 ^{g}	100.27 ^{g}	100.27 ^{d}	100.64 ^{cb}	99.67 ^{b}
0.06	100.21 ^{hg}	99.89 ^{hg}	100.79 ^{h}	100.25 ^{g}	100.09 ^{g}	99.91 ^{g}	99.91 ^{d}	100.09 ^{b}	99.07 ^{ba}
0.08	100.23 ^{hg}	99.56 ^{g}	100.34 ^{hg}	100.25 ^{g}	100.09 ^{g}	100.09 ^{g}	99.89 ^{d}	100.09 ^{b}	99.89 ^{cb}
0.1	101.56 ^{ih}	100.01 ^{hg}	99.68 ^{g}	99.83 ^{g}	100.32 ^{g}	99.96 ^{g}	100.33 ^{d}	100.65 ^{cb}	99.60 ^{b}
0.2	103.45 ^{j}	103.35 ^{j}	103.69 ^{j}	104.03 ^{i}	102.36 ^{h}	100.93 ^{hg}	100.34 ^{d}	100.98 ^{c}	101.91 ^{d}
0.4	104.48 ^{k}	105.50 ^{k}	102.28 ^{i}	104.28 ^{i}	105.03 ^{i}	103.35 ^{i}	102.00 ^{e}	100.58 ^{cb}	101.43 ^{d}
0.8	106.09 ^{l}	106.92 ^{l}	106.74 ^{k}	106.18 ^{j}	106.50 ^{j}	105.28 ^{j}	105.61 ^{f}	101.55 ^{ed}	100.89 ^{c}
1.0	109.26 ^{m}	110.03 ^{m}	108.28 ^{l}	108.69 ^{k}	108.61 ^{k}	107.30 ^{k}	107.03 ^{g}	103.28 ^{g}	100.20 ^{cb}
2.0	111.07 ^{n}	110.83 ^{n}	110.61 ^{m}	110.26 ^{l}	111.28 ^{l}	110.28 ^{l}	105.94 ^{f}	103.37 ^{g}	100.98 ^{dc}
3.0	103.23 ^{j}	101.03 ^{ih}	103.98 ^{j}	103.36	104.36 ^{i}	103.33 ^{i}	102.22 ^{e}	101.01 ^{dc}	100.32 ^{cb}
4.0	102.14 ^{i}	101.77 ^{i}	101.22 ^{h}	101.80 ^{h}	102.79 ^{h}	101.80 ^{h}	101.93 ^{e}	102.36 ^{gf}	101.85 ^{d}
6.0	96.93 ^{f}	96.98 ^{f}	97.18 ^{f}	96.93 ^{f}	97.96 ^{f}	97.97 ^{f}	101.60 ^{e}	102.45 ^{gf}	100.03 ^{cb}
8.0	96.93 ^{f}	96.98 ^{f}	97.18 ^{f}	96.93 ^{f}	97.96 ^{f}	97.97 ^{f}	100.03 ^{d}	102.70 ^{gf}	99.58 ^{cb}
9.0	93.51 ^{e}	93.19 ^{e}	93.70 ^{e}	93.04 ^{e}	94.51 ^{e}	94.40 ^{e}	99.51 ^{d}	101.93 ^{fe}	99.45 ^{ba}
13.5	90.56 ^{d}	90.23 ^{d}	89.98 ^{d}	90.03 ^{d}	90.10 ^{d}	89.98 ^{d}	91.05 ^{c}	100.21 ^{b}	98.25 ^{a}
16	86.96 ^{c}	86.96 ^{c}	86.59 ^{c}	87.07 ^{c}	87.43 ^{c}	87.85 ^{c}	90.82 ^{c}	100.98 ^{c}	99.12 ^{ba}
18	84.02 ^{b}	84.95 ^{b}	84.98 ^{b}	85.55 ^{b}	85.08 ^{b}	86.21 ^{b}	87.55 ^{b}	100.56 ^{cb}	98.54 ^{a}
20	83.05 ^{a}	83.45 ^{a}	83.56 ^{a}	83.07 ^{a}	83.56 ^{a}	83.07 ^{a}	84.97 ^{a}	97.98 ^{a}	98.12 ^{a}

Table S22. DPPH scavenging to samples with thiamine pyrophosphate and ECG

thiamine [mg/100g]	DPPH scavenging								
	Concentrations of ECG [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 ^{h}	100.00 ^{g}	100.00 ^{g}	100.00 ^{hg}	100.00 ^{g}	100.00 ^{e}	100.00 ^{fe}	100.00 ^{b}	100.00 ^{b}
0.01	100.67 ^{h}	100.05 ^{g}	100.50 ^{hg}	100.08 ^{hg}	100.61 ^{g}	100.00 ^{e}	100.03 ^{fe}	100.64 ^{cb}	99.82 ^{b}
0.02	101.70 ^{i}	101.12 ^{h}	100.07 ^{g}	100.50 ^{hg}	100.35 ^{g}	99.91 ^{e}	99.91 ^{ed}	100.36 ^{e}	100.09 ^{cb}
0.04	100.00 ^{h}	100.05 ^{g}	100.36 ^{hg}	100.75 ^{h}	100.34 ^{g}	100.08 ^{e}	100.27 ^{fe}	100.64 ^{cb}	100.25 ^{cb}
0.06	100.21 ^{h}	99.73 ^{g}	100.04 ^{g}	99.85 ^{hg}	100.05 ^{g}	100.02 ^{e}	99.91 ^{ed}	99.85 ^{ba}	99.25 ^{b}
0.08	100.03 ^{h}	100.03 ^{g}	100.23 ^{g}	100.25 ^{hg}	100.09 ^{g}	100.23 ^{e}	100.03 ^{fe}	100.09 ^{b}	100.73 ^{c}
0.1	100.45 ^{h}	100.45 ^{hg}	99.45 ^{g}	99.25 ^{g}	100.25 ^{g}	99.45 ^{e}	100.90 ^{f}	100.90 ^{c}	99.25 ^{ba}
0.2	102.30 ^{i}	101.58 ^{ih}	102.07 ^{i}	102.31 ^{i}	102.58 ^{ih}	102.61 ^{f}	101.05 ^{gf}	101.05 ^{dc}	99.25 ^{ba}
0.4	102.27 ^{i}	102.47 ^{i}	103.34 ^{j}	102.27 ^{i}	103.14 ^{i}	103.05 ^{f}	102.32 ^{hg}	102.32 ^{e}	100.25 ^{ba}
0.8	104.14 ^{j}	104.13 ^{j}	104.37 ^{k}	103.25 ^{j}	104.13 ^{j}	103.09 ^{f}	103.03 ^{ih}	103.03 ^{fe}	101.23 ^{c}
1.0	109.27 ^{k}	109.53 ^{k}	109.36 ^{l}	107.26 ^{k}	108.12 ^{k}	108.12 ^{g}	108.24 ^{k}	102.11 ^{e}	99.61 ^{b}
2.0	108.56 ^{k}	108.21 ^{k}	109.30 ^{l}	108.35 ^{l}	108.22 ^{k}	108.98 ^{g}	105.96 ^{j}	103.21 ^{f}	101.37 ^{c}
3.0	104.90 ^{j}	104.46 ^{j}	103.24 ^{ij}	102.66 ^{ji}	102.04 ^{h}	103.24 ^{f}	100.36 ^{fe}	100.00 ^{b}	100.45 ^{b}
4.0	102.22 ^{i}	102.57 ^{i}	101.37 ^{ih}	102.52 ^{ji}	100.03 ^{g}	103.02 ^{f}	100.02 ^{fe}	99.13 ^{ba}	101.98 ^{c}
6.0	98.57 ^{g}	97.13 ^{f}	96.90 ^{f}	96.13 ^{f}	96.89 ^{f}	97.04 ^{d}	98.14 ^{c}	100.01 ^{b}	99.56 ^{b}
8.0	97.25 ^{f}	97.03 ^{f}	96.04 ^{f}	97.02 ^{f}	96.22 ^{f}	97.57 ^{d}	99.02 ^{d}	98.88 ^{a}	98.45 ^{ba}
9.0	90.04 ^{e}	89.90 ^{e}	88.69 ^{e}	90.44 ^{e}	90.33 ^{e}	96.46 ^{d}	96.24 ^{a}	99.26 ^{ba}	100.24 ^{ba}
13.5	86.13 ^{d}	84.33 ^{d}	85.33 ^{d}	84.43 ^{d}	85.57 ^{d}	86.13 ^{c}	97.57 ^{b}	98.88 ^{a}	99.45 ^{ba}
16	83.39 ^{c}	83.30 ^{c}	83.68 ^{c}	82.47 ^{c}	82.89 ^{c}	85.46 ^{c}	97.33 ^{b}	99.25 ^{ba}	98.78 ^{ba}
18	79.24 ^{b}	79.04 ^{b}	79.57 ^{b}	78.00 ^{b}	78.62 ^{b}	79.52 ^{b}	97.02 ^{ba}	98.89 ^{a}	98.56 ^{ba}
20	68.02 ^{a}	67.04 ^{a}	68.13 ^{a}	67.57 ^{a}	66.01 ^{a}	69.03 ^{a}	96.55 ^{a}	99.01 ^{ba}	97.98 ^{a}

Table S23. DPPH scavenging to samples with thiamine hydrochloride and caffeine

thiamine [mg/100g]	DPPH scavenging								
	Concentrations of caffeine [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 ^{f}	100.00 ^{g}	100.00 ^{gf}	100.00 ^{gf}	100.00 ^{gf}	100.00 ^{fe}	100.00 ^{dc}	100.00 ^{cb}	100.03 ^{cb}
0.01	100.67 ^{gf}	100.05 ^{g}	100.50 ^{g}	100.08 ^{gf}	100.61 ^{g}	100.00 ^{fe}	100.00 ^{dc}	100.64 ^{cb}	99.67 ^{ba}
0.02	101.70 ^{hg}	100.20 ^{g}	99.76 ^{f}	100.50 ^{g}	100.35 ^{g}	99.91 ^{fe}	99.56 ^{c}	100.36 ^{cb}	99.89 ^{b}
0.04	100.00 ^{f}	100.05 ^{g}	100.36 ^{gf}	100.75 ^{hg}	100.61 ^{g}	100.27 ^{fe}	100.27 ^{dc}	100.64 ^{cb}	99.98 ^{b}
0.06	99.89 ^{f}	101.83 ^{h}	100.79 ^{g}	100.25 ^{g}	99.45 ^{f}	99.91 ^{fe}	99.91 ^{dc}	100.09 ^{cb}	100.56 ^{cb}
0.08	100.04 ^{gf}	100.04	100.78 ^{g}	100.25 ^{g}	100.09 ^{gf}	101.54 ^{hg}	99.98 ^{dc}	100.09 ^{cb}	100.01 ^{cb}
0.1	99.98 ^{f}	99.76 ^{g}	99.45 ^{f}	100.04 ^{gf}	99.56 ^{f}	100.23 ^{fe}	100.09 ^{dc}	100.04 ^{cb}	100.06 ^{cb}
0.2	100.09 ^{fg}	100.05 ^{g}	99.89 ^{f}	100.00 ^{gf}	99.80 ^{gf}	99.78 ^{fe}	100.89 ^{ed}	100.27 ^{cb}	100.09 ^{cb}
0.4	99.98 ^{f}	99.78 ^{g}	99.89 ^{f}	100.56 ^{g}	100.47 ^{g}	100.89 ^{f}	100.86 ^{ed}	99.67 ^{ba}	100.09 ^{cb}
0.8	101.45 ^{gf}	100.78 ^{hg}	99.85 ^{f}	100.45 ^{g}	99.78 ^{gf}	99.67 ^{fe}	99.56 ^{c}	99.03 ^{ba}	99.37 ^{ba}
1.0	102.34 ^{h}	102.98 ^{i}	100.89 ^{hg}	101.34 ^{h}	100.05 ^{gf}	99.78 ^{fe}	95.27 ^{a}	100.91 ^{dc}	99.73 ^{ba}
2.0	104.78 ^{i}	104.56 ^{j}	102.56^{i}	102.56 ^{i}	100.99 ^{hg}	101.34 ^{hg}	102.56 ^{g}	101.47 ^{ed}	102.81 ^{e}
3.0	101.21 ^{gf}	102.32 ^{ih}	102.32 ^{ih}	100.23 ^{g}	101.67 ^{h}	100.98 ^{g}	101.12 ^{fe}	102.97 ^{fe}	104.37 ^{f}
4.0	100.07 ^{gf}	99.78 ^{g}	101.45 ^{h}	102.45 ^{i}	103.45 ^{j}	99.87 ^{fe}	101.77 ^{gf}	100.78 ^{c}	103.67 ^{fe}
6.0	98.38 ^{e}	98.45 ^{f}	100.00 ^{gf}	99.89 ^{gf}	99.91 ^{gf}	99.89 ^{fe}	100.11 ^{dc}	100.11 ^{cb}	100.92 ^{dc}
8.0	97.89 ^{e}	96.10 ^{e}	97.12 ^{e}	99.11 ^{f}	99.13 ^{f}	99.89 ^{fe}	99.33 ^{c}	100.35 ^{cb}	101.21 ^{d}
9.0	94.52 ^{d}	95.12 ^{d}	95.03 ^{d}	95.89 ^{e}	99.21 ^{f}	100.08	99.89 ^{dc}	100.00 ^{cb}	100.56 ^{cb}
13.5	91.66 ^{c}	91.03 ^{c}	91.55 ^{c}	91.59 ^{d}	92.01 ^{d}	95.10 ^{d}	100.67 ^{ed}	101.79 ^{e}	98.98 ^{a}
16	86.42 ^{b}	85.89 ^{b}	85.56 ^{b}	86.47 ^{c}	88.38 ^{c}	92.89 ^{c}	99.33 ^{c}	100.03 ^{cb}	98.75 ^{a}
18	82.76 ^{a}	82.21 ^{a}	83.89 ^{a}	85.42 ^{b}	85.83 ^{b}	89.65 ^{b}	100.23 ^{d}	98.97 ^{a}	100.02
20	83.00 ^{a}	83.03 ^{a}	84.21 ^{a}	83.89 ^{a}	84.47 ^{a}	89.67 ^{a}	98.00 ^{b}	99.78 ^{ba}	98.75 ^{a}

Table S24. DPPH scavenging to samples with thiamine pyrophosphate and caffeine

thiamine [mg/100g]	DPPH scavenging								
	Concentrations of caffeine [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 ^{ih}	100.00 ^{ih}	100.00 ^{ih}	100.00 ^{fe}	100.00 ^{gf}	100.00 ^{gf}	100.00	100.00 ^{cb}	100.03 ^{dc}
0.01	100.44 ^{i}	99.82 ^{h}	100.27 ^{ih}	99.85 ^{fe}	100.38 ^{g}	99.77 ^{gf}	99.80	100.41 ^{cb}	100.03 ^{dc}
0.02	99.87 ^{ih}	100.89 ^{i}	100.02 ^{ih}	100.27 ^{fe}	100.12 ^{g}	99.68 ^{f}	99.68	100.13 ^{cb}	99.75 ^{cb}
0.04	100.05 ^{ih}	99.82 ^{h}	100.13 ^{ih}	100.52 ^{f}	100.11 ^{g}	99.85 ^{gf}	100.04	100.41 ^{cb}	100.07 ^{dc}
0.06	99.98 ^{ih}	99.50 ^{h}	99.81 ^{hg}	99.62 ^{fe}	100.25 ^{g}	99.79 ^{gf}	100.03	100.24 ^{cb}	100.12 ^{d}
0.08	99.80 ^{h}	99.80 ^{h}	99.78 ^{hg}	100.02 ^{fe}	99.86 ^{gf}	100.00 ^{gf}	99.80 ^{fe}	99.86 ^{cb}	99.56 ^{cb}
0.1	99.42 ^{h}	99.20 ^{h}	98.89 ^{g}	99.48 ^{e}	99.00 ^{f}	99.67 ^{gf}	99.53 ^{d}	99.65 ^{cb}	99.50 ^{cb}
0.2	99.53 ^{h}	99.49 ^{h}	99.33 ^{hg}	99.44 ^{e}	99.24 ^{gf}	99.22 ^{f}	100.33	99.50 ^{cb}	99.53 ^{cb}
0.4	99.42 ^{h}	99.22 ^{h}	99.33 ^{hg}	100.00 ^{fe}	99.91 ^{gf}	99.65 ^{gf}	98.89 ^{ed}	99.09 ^{ba}	99.53 ^{cb}
0.8	100.89 ^{ji}	100.22 ^{ih}	99.29 ^{hg}	99.89 ^{fe}	99.22 ^{f}	99.11 ^{f}	99.00 ^{ed}	98.47 ^{a}	99.46 ^{cb}
1.0	101.78 ^{j}	102.42 ^{j}	100.33 ^{i}	100.78 ^{f}	99.49 ^{f}	99.79 ^{gf}	94.71 ^{a}	100.35 ^{cb}	99.47 ^{cb}
2.0	104.22 ^{k}	104.00 ^{k}	102.47 ^{j}	102.00 ^{g}	100.43 ^{g}	100.78 ^{hg}	102.00	100.91 ^{dc}	100.98 ^{d}
3.0	99.52 ^{h}	100.88 ^{i}	102.77 ^{j}	104.54 ^{i}	101.79 ^{h}	101.11 ^{ih}	99.47 ^{ed}	99.09 ^{ba}	99.67 ^{c}
4.0	99.49 ^{h}	100.34 ^{i}	102.01 ^{j}	103.01 ^{h}	102.89 ^{i}	99.71 ^{gf}	101.61 ^{g}	100.62 ^{cb}	99.73 ^{c}
6.0	97.40 ^{g}	98.59 ^{g}	100.14 ^{ih}	100.03 ^{fe}	98.93 ^{e}	99.31 ^{f}	100.07 ^{fe}	100.16 ^{cb}	100.76 ^{dc}
8.0	97.85 ^{f}	96.24 ^{f}	97.26 ^{f}	99.25 ^{e}	98.47 ^{e}	99.42 ^{e}	99.21 ^{ed}	99.77 ^{c}	103.91 ^{e}
9.0	93.54 ^{e}	94.01 ^{e}	95.59 ^{e}	94.71 ^{e}	98.23 ^{e}	99.45 ^{d}	99.31 ^{ed}	99.42 ^{ba}	100.40 ^{d}
13.5	90.67 ^{d}	90.05 ^{d}	90.57 ^{d}	90.61 ^{d}	91.03 ^{d}	94.52 ^{c}	100.09 ^{fe}	100.16 ^{cb}	98.82 ^{ba}
16	86.47 ^{c}	84.91 ^{b}	84.58 ^{c}	85.49 ^{c}	87.40 ^{c}	92.00 ^{b}	98.35 ^{dc}	99.86 ^{b}	98.19 ^{a}
18	83.26 ^{a}	81.99 ^{a}	82.19 ^{a}	84.12 ^{b}	81.23 ^{a}	88.97 ^{a}	96.98 ^{b}	99.25 ^{ba}	99.12 ^{cb}
20	85.68 ^{b}	86.45 ^{c}	83.12 ^{b}	82.99 ^{a}	84.89 ^{b}	89.25 ^{a}	97.51 ^{cb}	99.58 ^{b}	98.75 ^{ba}

Table S25. ABTS scavenging to samples with thiamine hydrochloride and EGCG

thiamine [mg/100g]	ABTS scavenging								
	Concentrations of EGCG [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 ^{hg}	100.00 ^{ih}	100.00 ^{ih}	100.00 ^{ih}	100.00 ^{gf}	100.00 ^{g}	100.00 ^{d}	100.00 ^{dc}	100.00 ^{cb}
0.01	100.25 ^{hg}	100.23 ^{ih}	100.09 ^{ih}	99.12 ^{h}	99.21 ^{f}	100.21 ^{g}	99.87 ^{d}	100.13 ^{dc}	100.09 ^{cb}
0.02	100.65 ^{h}	99.54 ^{h}	99.49 ^{h}	99.98 ^{ih}	100.21 ^{gf}	100.56 ^{hg}	100.23 ^{d}	100.11 ^{dc}	100.21 ^{dc}
0.04	100.25 ^{hg}	100.38 ^{ih}	100.45 ^{i}	100.65	100.45 ^{g}	100.89 ^{h}	99.45 ^{d}	99.87 ^{c}	100.03 ^{cb}
0.06	100.14 ^{hg}	100.12 ^{ih}	99.45 ^{h}	99.78 ^{ih}	100.21 ^{gf}	100.03 ^{g}	100.08 ^{d}	100.98 ^{d}	99.78 ^{b}
0.08	99.58 ^{g}	100.23 ^{ih}	100.78 ^{i}	100.65 ^{i}	100.45 ^{g}	100.78 ^{hg}	100.67 ^{d}	100.07 ^{c}	100.12 ^{cb}
0.1	100.09 ^{hg}	100.98 ^{i}	100.03 ^{ih}	100.21 ^{ih}	99.56 ^{f}	100.25 ^{hg}	100.25 ^{d}	99.58 ^{c}	100.21 ^{cb}
0.2	104.12 ^{i}	104.32 ^{j}	103.14 ^{j}	103.24 ^{k}	104.25 ^{ih}	103.54 ^{i}	104.65 ^{g}	102.23 ^{f}	100.36 ^{dc}
0.4	104.32 ^{i}	103.21 ^{j}	102.32 ^{j}	101.56 ^{ji}	103.56 ^{h}	103.25 ^{i}	102.12 ^{e}	100.23 ^{dc}	100.23 ^{cb}
0.8	105.65 ^{j}	105.45 ^{k}	105.84 ^{l}	105.24 ^{m}	105.87 ^{ji}	104.98 ^{j}	103.45 ^{f}	101.25 ^{ed}	101.03 ^{dc}
1.0	106.06 ^{k}	105.89 ^{k}	105.56 ^{lk}	105.96 ^{m}	105.24 ^{ji}	104.56 ^{ji}	102.39 ^{e}	101.25 ^{ed}	100.25
2.0	109.17 ^{l}	108.89 ^{m}	108.56 ^{m}	108.24 ^{n}	108.65 ^{k}	107.21 ^{k}	106.23 ^{h}	104.32 ^{g}	99.98 ^{b}
3.0	103.76 ^{i}	103.74 ^{kj}	103.57 ^{j}	104.56 ^{l}	104.03 ^{ih}	103.89 ^{i}	102.99 ^{fe}	101.32 ^{ed}	100.00 ^{cb}
4.0	105.66 ^{j}	105.24	104.80 ^{k}	105 .71 ^{m}	103.25 ^{h}	104.13 ^{ji}	104.71 ^{g}	102.36 ^{f}	101.23 ^{d}
6.0	97.12 ^{f}	97.32 ^{gf}	97.89 ^{g}	98.03 ^{g}	99.21 ^{f}	98.23 ^{f}	97.77 ^{c}	100.50 ^{dc}	100.03 ^{cb}
8.0	99.56 ^{g}	96.56 ^{f}	94.56 ^{f}	93.21 ^{f}	95.98 ^{e}	96.02 ^{e}	99.87 ^{d}	100.75 ^{dc}	99.34 ^{ba}
9.0	91.24 ^{e}	91.24 ^{e}	91.75 ^{e}	91.09 ^{e}	92.56 ^{d}	92.45 ^{d}	97.56 ^{c}	99.98 ^{c}	100.23 ^{cb}
13.5	85.69 ^{d}	86.58 ^{d}	86.45 ^{d}	86.46 ^{d}	86.55 ^{c}	87.69 ^{c}	88.21 ^{b}	98.89 ^{b}	99.56 ^{ba}
16	84.12 ^{c}	84.76 ^{c}	83.75 ^{c}	84.23 ^{c}	84.59 ^{b}	85.01 ^{b}	87.98 ^{b}	98.75 ^{b}	99.45 ^{ba}
18	83.12 ^{b}	83.21 ^{b}	83.45 ^{b}	83.45 ^{b}	82.12 ^{a}	83.09 ^{a}	82.21 ^{a}	97.12 ^{a}	99.56 ^{ba}
20	81.23 ^{a}	81.98 ^{s}	82.31 ^{a}	82.03 ^{a}	82.11 ^{a}	82.33 ^{a}	81.50 ^{a}	97.01 ^{a}	98.78 ^{a}

Table S26. ABTS scavenging to samples with thiamine pyrophosphate and EGCG

thiamine [mg/100g]	ABTS scavenging								
	Concentrations of EGCG [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 ^{hg}	100.00 ^{f}	100.00 ^{h}	100.00 ^{hg}	100.00 ^{g}	100.00 ^{gf}	100.00 ^{hg}	100.00 ^{f}	100.00 ^{ba}
0.01	100.00 ^{hg}	100.15 ^{f}	100.41 ^{ji}	99.89 ^{hg}	100.89 ^{hg}	100.44 ^{hg}	99.87 ^{hg}	100.00 ^{f}	99.89 ^{ba}
0.02	100.52 ^{ihg}	100.52 ^{gf}	100.25 ^{ji}	99.67 ^{h}	102.08	100.33 ^{g}	99.96 ^{hg}	100.45 ^{gf}	99.94 ^{ba}
0.04	100.00 ^{hg}	100.00 ^{f}	99.56 ^{ihg}	100.08 ^{hg}	100.99 ^{h}	100.22 ^{g}	99.98 ^{hg}	100.00 ^{f}	100.00 ^{ba}
0.06	99.89 ^{g}	100.08 ^{f}	99.09 ^{hg}	101.56 ^{ji}	100.00 ^{g}	100.55 ^{hg}	100.21 ^{h}	99.95 ^{f}	100.06 ^{ba}
0.08	99.67 ^{g}	100.02 ^{f}	100.17 ^{i}	100.97 ^{ih}	99.89 ^{g}	100.87 ^{hg}	100.19 ^{h}	101.25 ^{h}	100.50 ^{b}
0.1	101.43 ^{i}	101.43 ^{f}	100.43 ^{i}	100.23 ^{hg}	100.65 ^{hg}	100.43 ^{g}	101.88 ^{ji}	100.23 ^{gf}	99.78 ^{ba}
0.2	103.03 ^{j}	103.21 ^{g}	102.98 ^{k}	102.45 ^{kj}	102.31 ^{i}	102.32 ^{i}	102.03 ^{j}	100.23 ^{gf}	100.21 ^{b}
0.4	104.78 ^{k}	104.65 ^{g}	103.45 ^{l}	104.98 ^{l}	104.56 ^{j}	103.99 ^{j}	101.40 ^{ji}	101.23 ^{h}	99.78 ^{ba}
0.8	104.98 ^{k}	104.99 ^{h}	104.85 ^{m}	105.03 ^{l}	105.45 ^{kj}	105.51 ^{k}	104.45 ^{l}	100.91 ^{hg}	100.48 ^{b}
1.0	106.45 ^{l}	106.71 ^{i}	106.54 ^{n}	106.14 ^{m}	106.23 ^{lk}	106.04 ^{k}	105.42 ^{l}	100.59 ^{gf}	100.25 ^{b}
2.0	109.01 ^{m}	108.59 ^{j}	109.05 ^{o}	109.12 ^{n}	108.77 ^{m}	109.21 ^{l}	108.45 ^{m}	103.91 ^{i}	100.02 ^{ba}
3.0	104.21 ^{k}	104.03 ^{hg}	103.21 ^{l}	103.02 ^{k}	102.56 ^{i}	102.56 ^{i}	103.03 ^{k}	100.97 ^{g}	100.03 ^{ba}
4.0	100.86 ^{ih}	100.54 ^{fg}	100.89 ^{j}	101.88 ^{ji}	100.89 ^{hg}	101.02 ^{h}	100.98 ^{ih}	100.35 ^{gf}	99.89 ^{ba}
6.0	98.88 ^{g}	98.56 ^{e}	98.91 ^{g}	99.90 ^{hg}	98.91 ^{g}	99.04 ^{f}	99.00 ^{g}	98.37 ^{e}	100.21 ^{b}
8.0	96.50 ^{f}	95.03 ^{d}	96.45 ^{f}	96.12 ^{f}	97.01 ^{f}	97.41 ^{e}	97.23 ^{f}	97.56 ^{e}	100.08 ^{ba}
9.0	94.12 ^{e}	94.51 ^{d}	94.15 ^{e}	94.98 ^{e}	95.12 ^{e}	95.45 ^{e}	95.78 ^{e}	95.12 ^{d}	99.87 ^{ba}
13.5	91.94 ^{d}	91.62 ^{d}	91.97 ^{d}	92.96 ^{d}	91.97 ^{d}	92.10 ^{d}	92.06 ^{d}	91.43 ^{c}	99.12 ^{a}
16	88.96 ^{c}	88.54 ^{c}	88.78 ^{c}	88.61 ^{c}	88.12 ^{c}	88.78 ^{c}	88.35 ^{c}	90.56 ^{b}	100.19 ^{b}
18	85.98 ^{b}	85.66 ^{b}	86.01 ^{b}	87.01 ^{b}	86.01 ^{b}	86.14 ^{b}	86.10 ^{b}	88.56 ^{a}	100.21 ^{b}
20	83.00 ^{a}	82.68 ^{a}	83.03 ^{a}	84.02 ^{a}	83.03 ^{a}	83.16 ^{a}	83.12 ^{a}	88.12 ^{a}	100.03 ^{ba}

Table S27. ABTS scavenging to samples with thiamine hydrochloride and EGC

thiamine [mg/100g]	ABTS scavenging								
	Concentrations of cEGC [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 ^{hg}	100.00 ^{g}	100.00 ^{gf}	100.00 ^{g}	100.00 ^{hg}	100.00 ^{g}	100.00 ^{fe}	100.00 ^{cb}	100.04 ^{cb}
0.01	100.21 ^{hg}	100.21 ^{g}	100.50 ^{gf}	100.08 ^{g}	100.45 ^{h}	100.21 ^{hg}	100.65 ^{fe}	99.87 ^{cb}	99.89 ^{cb}
0.02	100.54 ^{h}	99.98 ^{g}	99.54 ^{f}	100.50 ^{g}	100.35 ^{hg}	99.91 ^{g}	99.91 ^{e}	100.36 ^{dc}	100.07 ^{cb}
0.04	99.45 ^{g}	100.45 ^{g}	100.36 ^{gf}	99.65 ^{g}	99.45 ^{g}	100.27 ^{hg}	100.27 ^{fe}	99.45 ^{cb}	99.67 ^{b}
0.06	99.56 ^{g}	99.78 ^{g}	100.79 ^{g}	100.25 ^{g}	100.32 ^{hg}	100.54 ^{hg}	99.91 ^{e}	100.09 ^{cb}	99.07 ^{ba}
0.08	100.23 ^{hg}	100.54 ^{g}	100.21 ^{gf}	100.25 ^{g}	100.09 ^{hg}	99.89 ^{g}	100.54 ^{fe}	100.56 ^{dc}	99.89 ^{cb}
0.1	100.21 ^{hg}	100.01 ^{g}	99.68 ^{f}	99.83 ^{g}	100.32 ^{hg}	99.96 ^{g}	100.33 ^{fe}	100.65 ^{dc}	99.60 ^{b}
0.2	103.98 ^{j}	103.35	102.36 ^{h}	102.36 ^{ih}	100.89 ^{h}	101.56 ^{i}	100.34 ^{fe}	100.98 ^{d}	101.91
0.4	104.23 ^{kj}	103.68 ^{h}	102.56 ^{h}	102.98 ^{ji}	102.59 ^{i}	103.05	103.89 ^{ih}	99.40 ^{b}	101.43
0.8	105.03 ^{lk}	104.79 ^{i}	102.87 ^{h}	102.45 ^{ih}	103.23 ^{ji}	102.98 ^{ji}	102.56 ^{hg}	102.56	100.89 ^{c}
1.0	105.01 ^{lk}	104.68 ^{i}	105.02 ^{i}	103.56 ^{k}	103.98 ^{kj}	103.89 ^{lk}	103.50 ^{h}	102.98 ^{g}	100.20 ^{cb}
2.0	105.67 ^{l}	105.21 ^{i}	105.64 ^{i}	105.45 ^{l}	105.02 ^{l}	104.32 ^{l}	104.56 ^{i}	101.86 ^{fe}	100.98 ^{c}
3.0	104.23 ^{kj}	103.23 ^{h}	104.89 ^{i}	103.36 ^{ki}	104.36 ^{lk}	103.21 ^{kj}	101.98 ^{g}	100.03 ^{cb}	100.25 ^{cb}
4.0	102.11 ^{i}	102.03 ^{h}	102.03 ^{h}	101.80 ^{h}	102.79 ^{i}	102.34 ^{ji}	100.35 ^{fe}	100.07 ^{cb}	100.35 ^{cb}
6.0	96.89 ^{f}	97.25 ^{f}	98.56 ^{e}	97.22 ^{f}	99.45 ^{g}	100.09 ^{hg}	100.23 ^{fe}	101.32 ^{ed}	99.87 ^{b}
8.0	96.91 ^{f}	97.09 ^{f}	98.04 ^{e}	97.03 ^{f}	98.23 ^{f}	98.21 ^{f}	100.04 ^{e}	100.03 ^{cb}	100.02 ^{cb}
9.0	94.03 ^{e}	94.35 ^{e}	94.21 ^{d}	94.57 ^{e}	95.23 ^{e}	95.45 ^{e}	99.98 ^{e}	99.24 ^{b}	98.24 ^{a}
13.5	90.49 ^{d}	91.65 ^{d}	90.19 ^{c}	91.23 ^{d}	91.12 ^{d}	90.23 ^{d}	97.25 ^{d}	100.09 ^{cb}	99.87 ^{cb}
16	87.09 ^{c}	87.85 ^{c}	87.04 ^{b}	89.42 ^{c}	88.67 ^{c}	88.04 ^{c}	93.45 ^{c}	100.58 ^{dc}	99.12 ^{ba}
18	86.21 ^{b}	85.21 ^{b}	85.23 ^{a}	86.54 ^{b}	87.25 ^{b}	86.14 ^{b}	89.19 ^{b}	99.45 ^{cb}	98.45 ^{ba}
20	84.09 ^{a}	84.23 ^{a}	84.14 ^{a}	84.21 ^{a}	84.32 ^{a}	84.56 ^{a}	87.03 ^{a}	98.03 ^{a}	98.16 ^{a}

Table S28 ABTS scavenging to samples with thiamine pyrophosphate and EGC

thiamine [mg/100g]	ABTS scavenging								
	Concentrations of EGC [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 ^{gh}	100.00 ^{hg}	100.00 ^{f}	100.00 ^{g}	100.00 ^{hg}	100.00 ^{ih}	100.00 ^{g}	100.00 ^{ih}	100.00 ^{a}
0.01	100.25 ^{gh}	100.23 ^{hg}	100.45 ^{gf}	100.09 ^{hg}	99.56 ^{g}	99.45 ^{h}	100.00 ^{g}	100.03 ^{ih}	100.25 ^{ba}
0.02	99.56 ^{h}	100.23 ^{hg}	100.23 ^{gf}	100.21 ^{hg}	100.32 ^{hg}	99.56 ^{h}	100.02 ^{hg}	99.56 ^{h}	100.21 ^{ba}
0.04	99.56 ^{h}	99.56 ^{g}	100.23 ^{gf}	100.00 ^{g}	100.00 ^{hg}	100.09 ^{ih}	100.21 ^{hg}	99.87 ^{ih}	99.78 ^{a}
0.06	100.45 ^{gh}	100.00 ^{hg}	100.03 ^{f}	100.08 ^{g}	100.45 ^{hg}	100.68 ^{i}	100.78 ^{hg}	100.77 ^{i}	100.07 ^{ba}
0.08	100.24 ^{gh}	100.00 ^{hg}	100.34 ^{gf}	99.87 ^{g}	99.12 ^{g}	100.35 ^{ih}	100.78 ^{hg}	100.21 ^{ih}	100.89 ^{b}
0.1	100.35 ^{gh}	100.89 ^{h}	100.12 ^{gf}	99.89 ^{g}	100.24 ^{hg}	100.38 ^{ih}	100.45 ^{hg}	100.87 ^{ji}	100.87 ^{b}
0.2	100.59 ^{g}	100.89 ^{h}	100.98 ^{g}	100.97 ^{h}	100.03 ^{hg}	100.89 ^{i}	100.99 ^{ih}	100.23 ^{ih}	100.01 ^{ba}
0.4	104.23 ^{j}	104.56 ^{j}	104.78 ^{j}	104.03 ^{j}	103.45 ^{j}	103.21 ^{j}	103.56 ^{j}	104.56 ^{l}	100.45 ^{ba}
0.8	104.98 ^{j}	105.12 ^{kj}	105.35 ^{j}	105.45 ^{k}	105.39 ^{k}	104.98 ^{k}	105.45 ^{k}	103.98 ^{lk}	100.21 ^{ba}
1.0	106.12 ^{k}	105.89 ^{k}	106.12 ^{kj}	105.78 ^{lk}	105.78 ^{k}	105.23 ^{lk}	105.01 ^{k}	103.13 ^{k}	101.03 ^{cb}
2.0	106.45 ^{k}	106.89 ^{l}	106.45 ^{k}	106.45 ^{l}	106.89 ^{l}	106.13 ^{l}	105.98 ^{k}	103.21 ^{k}	101.98 ^{c}
3.0	103.21 ^{i}	103.12 ^{i}	103.56 ^{i}	102.54 ^{i}	102.89 ^{i}	103.45 ^{j}	103.98 ^{j}	101.36 ^{j}	100.98 ^{cb}
4.0	100.21 ^{g}	100.23 ^{hg}	102.45 ^{h}	100.34 ^{hg}	100.98 ^{h}	100.67 ^{i}	101.87 ^{i}	98.62 ^{g}	101.98 ^{bc}
6.0	98.18 ^{g}	95.98 ^{f}	100.42 ^{gh}	98.31 ^{f}	99.26 ^{hg}	98.64 ^{g}	99.84 ^{g}	96.59 ^{f}	100.98 ^{ba}
8.0	98.45 ^{f}	98.49 ^{g}	98.12 ^{e}	98.89 ^{f}	97.23 ^{f}	96.61 ^{f}	97.81 ^{f}	98.56 ^{g}	100.23 ^{ba}
9.0	95.12 ^{e}	92.92 ^{e}	97.36 ^{e}	95.25 ^{e}	96.20 ^{e}	95.58 ^{e}	96.78 ^{e}	93.53 ^{e}	99.89 ^{a}
13.5	94.09 ^{d}	91.89 ^{d}	96.33 ^{d}	94.22 ^{d}	95.17 ^{d}	94.55 ^{d}	95.75 ^{d}	92.50 ^{d}	100.56 ^{ba}
16	93.07 ^{c}	90.87 ^{c}	95.31 ^{c}	93.20 ^{c}	94.15 ^{c}	93.53 ^{c}	94.73 ^{c}	91.48 ^{c}	101.03 ^{b}
18	92.05 ^{b}	89.85 ^{b}	94.29 ^{b}	92.18 ^{b}	93.13 ^{b}	92.51 ^{b}	93.71 ^{b}	90.46 ^{b}	100.03 ^{ba}
20	91.03 ^{a}	88.83 ^{a}	93.27 ^{a}	91.16 ^{a}	92.11 ^{a}	91.49 ^{a}	92.69 ^{a}	89.44 ^{a}	99.86 ^{a}

Table S29. ABTS scavenging to samples with thiamine hydrochloride and ECG

thiamine [mg/100g]	ABTS scavenging								
	Concentrations of ECG [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0									
0.01	100.00 ^{e}	100.00 ^{gf}	100.00 ^{gf}	100.00 ^{gf}	100.00 ^{f}	100.00 ^{gf}	100.00 ^{ed}	100.00 ^{a}	100.04 ^{cb}
0.02	100.67 ^{fe}	100.05 ^{gf}	100.50 ^{gf}	100.08 ^{gf}	100.61 ^{gf}	100.00 ^{gf}	100.00 ^{ed}	100.64 ^{ba}	99.89 ^{b}
0.04	101.70 ^{gf}	101.12 ^{h}	100.07 ^{gf}	100.50 ^{gf}	100.35 ^{gf}	99.91 ^{f}	99.91 ^{ed}	100.36 ^{ba}	100.07 ^{cb}
0.06	100.00 ^{e}	100.05 ^{gf}	100.36 ^{gf}	100.75 ^{hgf}	100.61 ^{gf}	100.27 ^{gf}	100.27 ^{ed}	100.64 ^{ba}	99.67 ^{b}
0.08	100.21 ^{e}	99.89 ^{f}	100.79 ^{g}	100.25 ^{gf}	100.09 ^{f}	99.91 ^{f}	99.91 ^{ed}	100.09 ^{a}	99.07 ^{ba}
0.1	100.23 ^{e}	99.56 ^{f}	100.34 ^{gf}	100.25 ^{gf}	100.09 ^{f}	100.09 ^{gf}	99.89 ^{ed}	100.09 ^{a}	99.89 ^{b}
0.2	101.56 ^{gf}	100.01 ^{gf}	99.68 ^{f}	99.83 ^{f}	100.32 ^{gf}	99.96 ^{f}	100.33 ^{ed}	100.65 ^{ba}	99.60 ^{b}
0.4	103.45 ^{ih}	103.35 ^{i}	103.69 ^{i}	104.03 ^{ji}	102.36 ^{h}	100.93 ^{hg}	100.34 ^{e}	100.98 ^{cb}	101.91 ^{d}
0.8	104.08 ^{ji}	103.68 ^{j}	103.56 ^{i}	104.56 ^{i}	103.25 ^{i}	103.05 ^{j}	103.89 ^{j}	100.25 ^{ba}	101.43 ^{d}
1.0	104.98 ^{kj}	104.79 ^{lk}	100.55 ^{gf}	101.76 ^{h}	103.23 ^{i}	102.98 ^{j}	102.56 ^{ih}	100.15 ^{ba}	100.89 ^{dc}
2.0	104.86 ^{kj}	104.68 ^{k}	105.02 ^{j}	101.67 ^{h}	101.00 ^{g}	102.98 ^{j}	103.50 ^{ji}	102.35 ^{d}	100.20 ^{cb}
3.0	105.67 ^{k}	105.45 ^{l}	106.02 ^{j}	105.09 ^{k}	104.89 ^{j}	104.68 ^{k}	102.56 ^{ih}	101.86 ^{dc}	100.98 ^{d}
4.0	103.23 ^{h}	101.03 ^{h}	103.98 ^{i}	103.36 ^{i}	104.36 ^{j}	103.33 ^{j}	102.22 ^{hg}	101.01 ^{dc}	100.32 ^{cb}
6.0	102.14 ^{hg}	101.77 ^{h}	101.22 ^{hg}	101.80 ^{h}	102.79 ^{ih}	101.80 ^{ih}	101.93 ^{gf}	102.36 ^{ed}	101.85 ^{ed}
8.0	96.93 ^{d}	96.98 ^{e}	97.18 ^{e}	96.93 ^{e}	97.96 ^{e}	97.97 ^{e}	101.60 ^{f}	102.45 ^{ed}	100.03 ^{cb}
9.0	96.93 ^{e}	96.98 ^{e}	97.18 ^{e}	96.93 ^{e}	97.96 ^{e}	97.97 ^{e}	100.03 ^{ed}	102.70 ^{ed}	99.58 ^{b}
13.5	93.51 ^{d}	93.19 ^{d}	93.70 ^{d}	93.04 ^{d}	94.51 ^{d}	94.40 ^{d}	99.51 ^{d}	101.93 ^{dc}	99.45 ^{b}
16	90.56 ^{c}	90.23 ^{c}	89.98 ^{c}	90.03 ^{c}	90.10 ^{c}	89.98 ^{c}	91.05 ^{cb}	100.21 ^{ba}	98.25 ^{a}
18	86.96 ^{b}	86.96 ^{b}	86.59 ^{b}	87.07 ^{b}	87.43 ^{b}	87.85 ^{b}	90.82 ^{b}	100.98 ^{cb}	99.12 ^{ba}
20	84.02 ^{a}	84.95 ^{a}	84.98 ^{a}	85.55 ^{a}	85.08 ^{a}	85.11 ^{a}	87.55 ^{a}	100.56 ^{ba}	98.54 ^{b}

Table S30. ABTS scavenging to samples with thiamine pyrophosphate and ECG

thiamine [mg/100g]	ABTS scavenging								
	Concentrations of ECG [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 g	100.00 g	100.00 h	100.00 f	100.00 h	100.00 h	100.00 f	100.00 f	100.00 ba
0.01	100.67 hg	100.05 g	100.50 ih	100.08 f	100.61 h	100.00 h	100.00 f	100.64 gf	99.82 ba
0.02	101.70 ih	101.12 hg	100.07 h	100.50 f	100.35 h	99.91 h	99.91 f	100.36 gf	100.09 ba
0.04	100.00 g	100.05 g	100.36 ih	100.75 f	100.62 h	100.25 h	99.78 f	99.45 f	100.25 b
0.06	99.98 g	100.11 g	100.05 h	100.61 f	100.19 h	100.12 h	100.56 gf	99.89 f	100.08 ba
0.08	100.25 hg	100.54 hg	100.89 ih	100.07 f	100.45 h	100.36 i	99.89 f	100.21 gf	100.45 ba
0.1	100.89 hg	100.95 hg	101.01 ji	100.68 g	100.51 h	100.89 ih	100.98 hg	100.38 gf	100.78 b
0.2	102.19 i	102.25 ji	102.75 l	101.98 h	102.87 i	101.89 i	101.79 ih	101.98 h	100.25 b
0.4	103.59 j	103.21 kj	103.45 l	103.56 i	104.42 j	104.00 k	103.43 kj	100.84 g	100.06 ba
0.8	105.13 k	105.23 l	105.03mn	104.99 j	105.78 k	104.56 lk	104.12 lk	103.99 i	100.21 ba
1.0	105.89 k	105.44 l	105.78 n	105.99 k	106.08 l	104.56 lk	104.89 l	104.23 i	101.01 c
2.0	108.03 l	108.11 m	108.00 o	107.46 l	107.36 m	106.98 m	105.98 m	104.28 i	100.35 ba
3.0	104.03 j	104.89 l	104.78 m	104.21 ji	104.78 j	103.21 kj	102.54 ji	102.34 h	100.98 cb
4.0	101.15 ih	101.56 ih	101.89 k	101.89 h	103.34 i	102.54 ji	101.78 ih	101.98 h	101.03 c
6.0	95.68 f	95.99 f	100.02 h	98.98 e	97.56 g	97.98 g	97.03 e	99.89 f	99.87 ba
8.0	94.21 e	94.35 e	94.12 g	93.59 d	94.21 f	94.03 f	96.02 d	98.21 e	100.01 ba
9.0	91.02 d	91.08 d	90.56 f	91.09 c	90.4 e	90.54 e	90.19 c	95.56 d	100.48 b
13.5	90.23 c	91.03 d	90.78 f	90.77 c	91.03 d	89.56 d	90.25 c	96.23 d	100.07 ba
16	88.23 b	89.12 c	88.12 b	88.35 b	88.79 c	88.45 c	88.36 b	94.32 c	99.26 a
18	87.56 b	87.32 b	87.98 b	86.21 a	88.12 b	87.21 b	87.65 b	92.56 b	100.23 ba
20	85.98 a	85.12 a	86.03 a	85.39 a	84.12 a	85.98 a	82.01 a	90.23 a	99.25 a

Table S31. ABTS scavenging to samples with thiamine hydrochloride and caffeine

thiamine [mg/100g]	ABTS scavenging								
	Concentrations of caffeine [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 ^{ed}	100.00 ^{gf}	100.00 ^{gf}	100.00 ^{gf}	100.00^{gf}	100.00 ^{fe}	100.00 ^{dc}	100.00 ^{cb}	100.03 ^{dc}
0.01	100.67 ^{e}	100.05 ^{hg}	100.50 ^{gf}	100.08 ^{gf}	100.61 ^{g}	100.00 ^{fe}	100.00 ^{dc}	100.64 ^{c}	99.67 ^{c}
0.02	101.70 ^{fe}	100.20 ^{hg}	99.76 ^{f}	100.50 ^{gf}	100.35 ^{gf}	99.91 ^{e}	99.56 ^{c}	100.36 ^{cb}	99.89 ^{c}
0.04	100.00 ^{ed}	100.05 ^{hg}	100.36 ^{gf}	100.75 ^{hg}	100.61 ^{i}	100.27 ^{fe}	100.27 ^{d}	100.64 ^{c}	99.98 ^{c}
0.06	99.89 ^{ed}	101.83^{ih}	100.79 ^{g}	100.25 ^{gf}	99.45 ^{f}	99.91 ^{e}	99.91 ^{dc}	100.09 ^{cb}	100.56 ^{dc}
0.08	100.04 ^{ed}	100.04 ^{hg}	100.78 ^{gf}	100.25 ^{gf}	100.09 ^{gf}	101.54 ^{gf}	99.98 ^{dc}	100.09 ^{cb}	100.01 ^{dc}
0.1	99.98 ^{ed}	99.76 ^{gf}	99.45 ^{f}	100.04 ^{gf}	99.56 ^{f}	100.23 ^{fe}	100.09 ^{dc}	100.04 ^{cb}	100.06 ^{dc}
0.2	100.09 ^{ed}	100.05 ^{hg}	99.89 ^{f}	100.00 ^{gf}	99.80 ^{gf}	99.78 ^{e}	100.89 ^{ed}	100.27 ^{cb}	100.09 ^{dc}
0.4	99.98 ^{ed}	99.78^{gf}	99.89 ^{f}	100.56	100.47 ^{gf}	100.89 ^{f}	100.86 ^{ed}	99.67 ^{cb}	100.09 ^{dc}
0.8	101.45 ^{fe}	100.78 ^{hg}	99.85 ^{f}	100.45 ^{g}	99.78 ^{f}	99.67 ^{e}	99.56 ^{c}	99.03 ^{cb}	99.37 ^{b}
1.0	102.34 ^{f}	102.98 ^{j}	100.89 ^{ig}	101.34 ^{h}	100.05 ^{gf}	99.78 ^{e}	95.27 ^{a}	100.91 ^{dc}	99.73 ^{cb}
2.0	104.78 ^{g}	104.56 ^{k}	103.03 ^{j}	102.56 ^{i}	100.99 ^{hg}	101.34 ^{gf}	102.56 ^{gf}	101.47 ^{d}	102.81 ^{fe}
3.0	100.78 ^{e}	103.67 ^{kj}	103.78 ^{j}	103.98	101.67 ^{h}	101.67 ^{gf}	100.87 ^{d}	102.97 ^{d}	104.37 ^{g}
4.0	100.07 ^{ed}	99.78^{gf}	101.45 ^{i}	102.45 ^{i}	103.45 ^{i}	99.87 ^{e}	101.77 ^{fe}	100.78 ^{c}	103.67 ^{gf}
6.0	98.94 ^{d}	99.01 ^{f}	100.56 ^{g}	100.45 ^{g}	100.47 ^{gf}	100.45 ^{fe}	100.67 ^{ed}	100.67 ^{cb}	100.92 ^{ed}
8.0	99.34 ^{e}	96.66 ^{hg}	97.68 ^{e}	99.67 ^{f}	99.69 ^{f}	100.56 ^{fe}	99.89 ^{dc}	100.91 ^{dc}	104.07 ^{g}
9.0	95.08 ^{d}	94.57 ^{g}	95.09 ^{d}	95.13 ^{e}	99.77 ^{f}	100.59 ^{fe}	100.45	100.56 ^{cb}	100.56 ^{dc}
13.5	92.22 ^{c}	91.59 ^{g}	92.11 ^{c}	92.15 ^{d}	92.57 ^{d}	95.66 ^{d}	101.23	102.35 ^{ed}	98.98 ^{a}
16	86.98 ^{b}	86.45 ^{c}	86.12 ^{b}	87.03 ^{c}	88.94 ^{c}	93.45 ^{c}	99.89d ^{c}	99.56 ^{b}	98.75 ^{ba}
18	83.32 ^{a}	81.87 ^{a}	84.45 ^{a}	85.98 ^{b}	86.39 ^{b}	90.21 ^{b}	95.12 ^{a}	99.78 ^{cb}	98.21 ^{a}
20	83.56 ^{a}	83.59 ^{b}	83.69 ^{a}	84.45 ^{a}	85.03 ^{a}	90.23 ^{a}	98.56 ^{b}	95.35 ^{a}	98.75 ^{ba}

Table S32. ABTS scavenging to samples with thiamine pyrophosphate and caffeine

thiamine [mg/100g]	ABTS scavenging								
	Concentrations of caffeine [mg/100g]								
	0.04	0.1	0.5	1.0	2.0	3.0	4.0	5.0	6.0
0	100.00 ^{ed}	100.00 ^{e}	100.00 ^{ge}	100.00 ^{gf}	100.00 ^{dc}	100.00 ^{gf}	100.00 ^{ed}	100.00 ^{cb}	100.03 ^{cb}
0.01	100.23 ^{ed}	100.56 ^{fe}	99.56 ^{fe}	100.12 ^{gf}	100.78 ^{dc}	100.35 ^{gf}	100.87 ^{e}	100.45 ^{dc}	100.78 ^{c}
0.02	101.03 ^{fe}	100.54 ^{e}	100.89 ^{hg}	100.73 ^{g}	100.03 ^{dc}	100.21 ^{gf}	100.78 ^{e}	100.89 ^{dc}	100.03 ^{cb}
0.04	100.35 ^{ed}	100.45 ^{e}	100.89 ^{hg}	100.78 ^{g}	100.09 ^{dc}	100.78 ^{g}	100.78 ^{e}	100.79 ^{c}	100.68 ^{c}
0.06	100.78 ^{ed}	100.32 ^{e}	100.78 ^{hg}	100.09 ^{gf}	100.32 ^{dc}	100.76 ^{g}	100.78 ^{e}	100.29 ^{dc}	100.45 ^{cb}
0.08	101.03 ^{fe}	100.93 ^{fe}	100.21 ^{hg}	101.45 ^{h}	100.09 ^{dc}	99.56 ^{gf}	99.78 ^{c}	100.05 ^{cb}	100.12 ^{cb}
0.1	100.21 ^{ed}	100.98 ^{f}	99.87 ^{fe}	100.06 ^{gf}	100.21 ^{dc}	100.78 ^{g}	100.67 ^{ed}	100.67 ^{c}	100.32 ^{cb}
0.2	101.32 ^{f}	101.12 ^{gf}	100.65 ^{hg}	100.26 ^{g}	99.98 ^{dc}	100.79 ^{hg}	100.71 ^{ed}	100.06 ^{cb}	99.97 ^{cb}
0.4	102.12 ^{gf}	102.34 ^{h}	101.05 ^{ih}	100.38 ^{g}	100.03 ^{dc}	100.28 ^{gf}	100.73 ^{ed}	100.45 ^{cb}	99.95 ^{cb}
0.8	102.32 ^{g}	102.12 ^{h}	101.12 ^{ih}	100.56 ^{hg}	100.45 ^{d}	99.78 ^{gf}	100.03 ^{ed}	100.43 ^{cb}	100.19 ^{cb}
1.0	102.99 ^{g}	102.56 ^{h}	101.98 ^{i}	101.03 ^{hg}	100.45 ^{d}	100.67 ^{g}	100.59 ^{ed}	100.39 ^{c}	100.45 ^{cb}
2.0	104.23 ^{h}	104.12 ^{i}	103.99 ^{j}	103.02 ^{i}	102.23 ^{e}	102.12 ^{hi}	101.03 ^{fe}	100.09 ^{cb}	100.23 ^{cb}
3.0	104.56 ^{h}	104.31 ^{i}	104.01 ^{j}	103.56 ^{i}	102.56 ^{e}	102.99 ^{h}	101.32 ^{fe}	100.04 ^{cb}	100.19 ^{cb}
4.0	100.45 ^{e}	100.98 ^{f}	103.56 ^{j}	102.89 ^{i}	100.08 ^{dc}	101.33 ^{ih}	100.56 ^{ed}	100.89 ^{dc}	100.78 ^{c}
6.0	96.45 ^{d}	97.06 ^{d}	98.99 ^{e}	99.25 ^{f}	99.45 ^{c}	99.12 ^{f}	98.36 ^{b}	99.79 ^{b}	100.03 ^{cb}
8.0	97.12 $^{e\,d}$	96.32 ^{d}	96.78 ^{d}	97.56 ^{e}	100.03	99.18 ^{f}	99.56 ^{c}	98.12 ^{a}	100.03 ^{cb}
9.0	96.23 ^{d}	97.03 ^{d}	97.12 ^{d}	98.32 ^{e}	99.45 ^{c}	99.65 ^{gf}	98.45 ^{b}	98.35 ^{ba,}	99.12 ^{ba}
13.5	91.65 ^{c}	91.12 ^{c}	91.03 ^{c}	91.97 ^{d}	90.56 ^{a}	96.45 ^{b}	95.98 ^{a}	99.89 ^{b}	99.78 ^{cba}
16	89.39 ^{b}	87.83 ^{b}	87.50 ^{a}	88.41 ^{b}	90.32 ^{a}	96.89 ^{b}	100.32 ^{ed}	99.45 ^{ba}	99.45 ^{ba}
18	87.11 ^{a}	85.61 ^{a}	87.96^{a}	87.48 ^{a}	91.89 ^{b}	96.98 ^{b}	99.39 ^{c}	100.26 ^{cb}	98.98 ^{a}
20	87.30 ^{a}	87.33 ^{b}	88.98 ^{b}	89.45 ^{c}	90.23 ^{a}	95.69 ^{a}	99.87 ^{dc}	99.96 ^{b}	100.03 ^{cb}