

Table S1. Key technical quality and anti-oxidant capacity of vegetable powder pasta and vegetable puree pasta

Pasta Type	Key Technical Quality			Anti-oxidant Capacity		
	Cooking Loss (g/100g)	Firmness g	Breaking Distance mm	Breaking Force g	Total Phenolic content (mg GAE/100 g)	FRAPS (μmol Fe^{2+} / g)
Spinach Pasta						
Control	4.40 ± 0.06^c	399.75 ± 11.51^c	74.28 ± 3.71^a	33.55 ± 1.19^d	441.21 ± 4.11^e	1.26 ± 0.10^d
Spinach puree 1%	4.45 ± 0.09^c	409.32 ± 11.09^{bc}	71.30 ± 4.88^a	41.18 ± 2.23^b	490.34 ± 8.18^c	2.38 ± 0.32^{bc}
Spinach powder 1%	4.48 ± 0.04^c	401.54 ± 9.76^c	68.95 ± 4.26^{ab}	37.13 ± 1.95^c	473.67 ± 5.95^d	2.28 ± 0.30^c
Spinach puree 2%	4.80 ± 0.03^b	427.46 ± 10.49^a	65.69 ± 3.00^b	42.34 ± 2.87^{ab}	521.60 ± 2.73^a	3.27 ± 0.43^a
Spinach powder 2%	4.91 ± 0.05^a	419.67 ± 11.25^{ab}	65.21 ± 2.69^b	38.12 ± 3.67^c	510.66 ± 7.96^b	2.84 ± 0.26^{ab}
Red Cabbage pasta						
Control	4.40 ± 0.06^c	399.75 ± 11.51^a	74.28 ± 3.71^a	33.55 ± 1.19^a	441.21 ± 4.11^e	1.26 ± 0.10^e
Red cabbage puree 1%	4.80 ± 0.07^b	388.59 ± 11.96^{ab}	60.90 ± 3.93^b	31.41 ± 2.24^{ab}	713.13 ± 9.74^b	5.48 ± 0.10^c
Red cabbage powder 1%	4.88 ± 0.05^{ab}	396.34 ± 9.95^a	59.65 ± 4.21^b	31.66 ± 2.62^{ab}	629.24 ± 8.31^d	4.45 ± 0.21^d
Red cabbage puree 2%	4.94 ± 0.07^a	372.80 ± 11.96^c	57.45 ± 3.78^b	31.12 ± 2.23^{ab}	778.85 ± 7.11^a	8.38 ± 0.06^a
Red cabbage powder 2%	4.98 ± 0.06^a	382.66 ± 8.94^{bc}	57.51 ± 4.04^b	30.97 ± 1.79^b	679.64 ± 10.15^c	6.95 ± 0.12^b

Values within a column followed by the same letter are not significantly different from each other ($p > 0.05$) at the same pasta group, according to the ANOVA-Duncan test.