

Development and characterization of a value-added product suitable for food applications from *Agaricus bisporus* and *Pleurotus ostreatus* stems: Evaluation of particle size influence and *in vitro* antioxidant activity

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Table S1. Glucans composition of extracts of *Agaricus bisporus* stems flour (ABSF), and *Pleurotus ostreatus* stems flour (POSF).

Sample	Particle size (mm)	D-glucans	α -glucans	β -glucans
ABSF extracts	L	11.53 \pm 0.14 ^e	8.63 \pm 0.21 ^c	2.90 \pm 0.35 ^f
	LI	11.51 \pm 0.73 ^e	5.70 \pm 0.23 ^d	5.81 \pm 0.51 ^{de}
	SI	8.92 \pm 0.22 ^f	4.15 \pm 0.06 ^d	4.77 \pm 0.28 ^{ef}
	S	8.76 \pm 0.05 ^f	4.70 \pm 0.06 ^d	4.05 \pm 0.04 ^{ef}
POSF extracts	L	22.54 \pm 1.94 ^d	14.45 \pm 1.55 ^b	8.09 \pm 0.69 ^d
	LI	30.24 \pm 0.89 ^c	15.32 \pm 0.94 ^a	14.92 \pm 1.59 ^c
	SI	36.63 \pm 0.19 ^b	16.95 \pm 1.00 ^a	19.68 \pm 0.82 ^b
	S	41.33 \pm 0.38 ^a	12.52 \pm 1.17 ^b	28.81 \pm 1.53 ^a

Results are reported as mean \pm SD (n = 3). Mean values within rows followed by different superscript letters (a-f) are significantly different when subjected to Tukey's test (p < 0.05). L — >0.510 mm; LI 274 — 0.510-0.315 mm; SI—0.315-0.180 mm; S — <0.180 mm. Values are expressed as g/100 g of extract.