

### Table with legend

Table 1. Molecular Weight (Mw) distribution and percentage levels (%) of AXs extracted from wheat pentosan by water extraction alone (PW) or by extrusion at 80 rpm (P80) and 160 rpm (P160). Data are presented as mean  $\pm$  SEM (n = 3). \* indicates significant difference ( $P < 0.05$ ) in percentage level of AXs compared to the PW sample. # indicate significant difference ( $P < 0.05$ ) in percentage level between P80 and P160

Areas	Log Mw	Mw range (kDa)	%		
			PW	P80	P160
A1	2.93-3.19	0.85-1.54	7.13 $\pm$ 0.01	7.33 $\pm$ 0.02*#	7.63 $\pm$ 0.01*#
A 2	3.19-3.50	1.54-3.16	14.0 $\pm$ 0.00	14.6 $\pm$ 0.01*#	15.6 $\pm$ 0.03*#
A 3	3.50-4.50	3.16-31.62	46.9 $\pm$ 0.01	45.1 $\pm$ 0.01*#	43.0 $\pm$ 0.01*#
A 4	4.50-5.90	31.62-794.3	30.4 $\pm$ 0.02	33.0 $\pm$ 0.01*#	35.4 $\pm$ 0.01*#