

Table S1 Molar mass (M_w , M_n) and polydispersity of isolated β -glucans from different raw and roasted barley products

RT [°C]	M_w (β -glucan) [10^6 g/mol]	M_n (β -glucan) [10^6 g/mol]	M_w/M_n (β -glucan)
Kernels			
Raw	3.12	1.54	2.03
160	1.91	0.91	2.10
170	2.53	2.07	1.22
180	1.41	1.10	1.28
Thin flakes			
Raw	3.34	1.38	2.42
160	5.96	3.71	1.61
170	2.68	1.77	1.51
180	4.27	2.31	1.85
Thick flakes			
Raw	2.37	1.56	1.52
160	2.90	2.08	1.39
170	2.07	1.29	1.60
180	2.65	1.35	1.96

Results of a single measurement. M_n : number-average, M_w : weight-average, M_w / M_n : polydispersity, RT: roasting temperature