

Supplementary Table S1. Shift factor for viscosity and shear rate to overlap every seaweed extract system to the corresponding system without LBG addition (LBG 0%)

Seaweed extract	LBG (%)	viscosity shift factor, $(a_c)_I$	shear rate shift factor, $(a_c)_{II}$
<i>C. crispus</i>	0	1.00	1.00
	0.5	2.19	0.40
	1	8.73	0.10
	1.5	30.62	0.03
<i>G. gracilis</i>	0	1.00	1.00
	1.5	23.54	1.59
	2	71.02	1.00
	2.5	249.76	0.40
<i>G. corneum</i>	0	1.00	1.00
	1	28.66	0.03
	1.5	115.16	0.001
	2	437.39	0.00002