

Supplementary Material for

Synergistic Inhibition of Calcium Oxalate Crystal Formation and Synergistic Protection of HK-2 Cells from Crystal Damage by Sulfated *Laminarin* Polysaccharide and Potassium Citrate

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Table S.1.

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Monosaccharide composition analysis of polysaccharides*¹

Standard monosaccharide	Peak time / min	Slope	Fitting degree	Monosaccharide percentage of DLP / %	Monosaccharide percentage of SDLP / %
Fuc	4.6335	0.5262	0.9937	1.01	0.51
Ara	9.8918	0.7606	0.9928	0.52	0.48
Rha	10.1752	0.5098	0.9921	N* ²	N
Gal	12.3252	0.8711	0.9968	0.19	0.16
Glc	14.4668	1.0608	0.9960	93.00	93.16
Xyl	17.1335	1.0431	0.9970	N	N
Man	18.4502	0.8177	0.9955	N	N
Fru	20.6335	0.3754	0.9978	N	N
Rib	22.1752	0.877	0.9978	N	N
Gal-UA	35.2002	0.2285	0.9967	0.25	0.37
Gul-UA	35.8418	0.2736	0.9978	0.42	0.49
Glc-UA	37.9252	0.4441	0.9971	0.50	0.63
Man-UA	40.3418	0.0832	0.9982	4.10	4.19

[*¹] Fuc: Fucose; Ara: Arabinose; Rha: Rhamnose; Gal: Galactose; Glc: Glucose; Xyl: Xylose; Man: Mannose; Fru: Fructose; Rib: Ribose; Gal-UA: Galacturonic Acid; Gul-UA: Gularonic Acid; Glc-UA: Glucuronic Acid; Man-UA: Mannuronic Acid.

[*²] N: not detected.