

S1 Table. Composition analysis of different fractions of WSC.

(A). HPLC analysis of sugar and salts concentrations in WSC (g/L);

HPLC (g/L)	Glucose	Xylose	Arabinose	Lactate	Glycerol	Formate	Acetate	Galactose
WSC	2.88	1.80	0.55	0.04	1.50	0.41	1.76	0.12

(B). HPLC analysis of sugar and salts concentrations in water phase after ethyl acetate extraction (g/L);

HPLC (g/L)	Glucose	Arabinose	Lactate	Glycerol	Galactose
Water phase	0.44	1.10	0.12	0.64	0.14

(C). Free amino acids analysis of WSC ($\mu\text{g}/\mu\text{L}$);

Asp	Asn	Thr	Ser	Glu
1.49E+02	0.00E+00	1.05E+02	1.66E+02	5.80E+01
Ile	Leu	Tyr	Phe	His
9.39E+01	9.00E+01	8.12E+01	9.79E+01	0.00E+00
Gln	Pro	Gly	Ala	Val
1.90E+02	3.36E+02	1.75E+02	6.05E+02	0.00E+00
Lys	Arg	Cystine	Methionine	Tryptophan
4.97E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00

(D). Mineral salts (heavy metal) analysis of WSC (ppm)

P	K	Ca	Mg	S	Zn	B	Mn	Fe
23.5	1013.7	20.4	110	105.6	0.73	< 0.04	1.4	0.1
Cu	Al	Na	Cd	Co	Cr	Mo	Ni	Pb
0.28	0.14	9.4	<0.008	0.01	<0.002	0.01	0.02	<0.04
NH4-N	Total N	Cl	F	NO2	Br	NO3	PO4	SO4
1624	5509	596.4	1148.5	<0.01	<0.01	<0.01	<0.02	348.7