

Supplementary Information

Optimization of a pretreatment and hydrolysis process for the efficient recovery of recycled sugars and unknown compounds from agricultural sweet sorghum bagasse stem pith solid waste

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Fig. 4 (A) Raw data of chromatogram of standard monosaccharide solution.

[min]	[Type]	[mAU*s]	[(ng/ul)/(mAU*s)]	[ng/ul]	[Name]
13.301	BB	1235.42664	1.96640e-2	24.29344	Mannose
17.095	BV	1488.10315	1.61405e-2	24.01880	Ribose
17.761	VB	899.90149	2.22013e-2	19.97902	Rhamnose
21.173	BB	1029.82788	2.04777e-2	21.08850	Gluconic acid
24.441	BB	954.92267	1.96537e-2	18.76774	Galacturonic acid
27.725	BB	1069.20532	1.88861e-2	20.19309	Glucose
31.767	BV	769.52203	3.34024e-2	25.70390	Galactose
33.119	VV	1328.41016	1.63758e-2	21.75379	Xylose
34.619	VB	1262.28113	1.62462e-2	20.50733	Arabinose
39.206	VB	918.33685	2.17410e-2	19.96560	Fucose

Fig. 4 (B) Raw data of chromatogram of ten monosaccharides in hydrolysis solution.

[min]	[Type]	[mAU*s]	[(ng/ul)/(mAU*s)]	[ng/ul]	[Name]
13.377	BB	971.99304	1.96858e-2	19.13447	Mannose
16.998	BV	19.23689	2.17252e-2	4.17925e-1	Ribose
17.880	VB	146.24203	2.22559e-2	3.25475	Rhamnose
21.356	BB	463.76013	2.05921e-2	9.54978	Gluconic acid
24.627	BB	1012.54559	1.96493e-2	19.89577	Galacturonic acid
27.548	BB	4.07507e4	1.86370e-2	759.46821	Glucose
31.948	BV	1246.34314	3.31729e-2	41.34476	Galactose
33.145	VV	1.95277e4	1.66477e-2	325.09258	Xylose
34.762	VB	7620.26123	1.60670e-2	122.43485	Arabinose
39.336	VB	67.41366	1.59135e-2	1.07279	Fucose