

INITIAL METHOD AND IMPROVEMENTS RESULTS

MAIN RESULTS SUMMARY

Average (n=3)

Sample	mg Sample /mL	% Glucose	yield Glucose (mg/mL)	% Arabinoxylans	yield Arabinoxylans (mg/mL)	ratio Arabinoxylans /glucose	% Sugars	V (mL)	m (mg)
Blank	32.731	47.410	15.518	33.965	11.117	0.716	83.377	8	261.850
Frozen	23.338	20.916	4.881	40.056	9.348	1.915	61.065	8	186.700
Megazyme	28.556	20.422	5.832	37.572	10.729	1.840	58.676	8	228.450
Sigma	21.863	11.534	2.522	41.345	9.039	3.585	55.783	8	174.900
Dialysis	22.644	22.959	5.199	42.614	9.649	1.856	66.964	8	181.150

RESULTS IN MG SUGAR/ MG SAMPLE

Average (n=3)

Sample	Ara		Gal		Glc		Xyl		Sugars
	mono	oligo	mono	oligo	mono	oligo	mono	oligo	
Blank	0.0003	0.0838	0	0.0094	0.0036	0.4705	0	0.2559	0.8338
Frozen	0.0005	0.0959	0	0.0053	0.0049	0.1920	0	0.3046	0.6106
Dialysis	0.0012	0.1071	0	0.0074	0.0000	0.2296	0	0.3191	0.6696
Sigma	0.0009	0.0982	0	0.0138	0.0100	0.1054	0	0.3152	0.5578
Megazyme	0.0010	0.0955	0	0.0059	0.0151	0.1891	0	0.2803	0.5868

Mono= monosaccharides, Oligo= oligo/polysaccharides, Sugars=sum of all analysed sugars

RESULTS IN PERCENTAGE

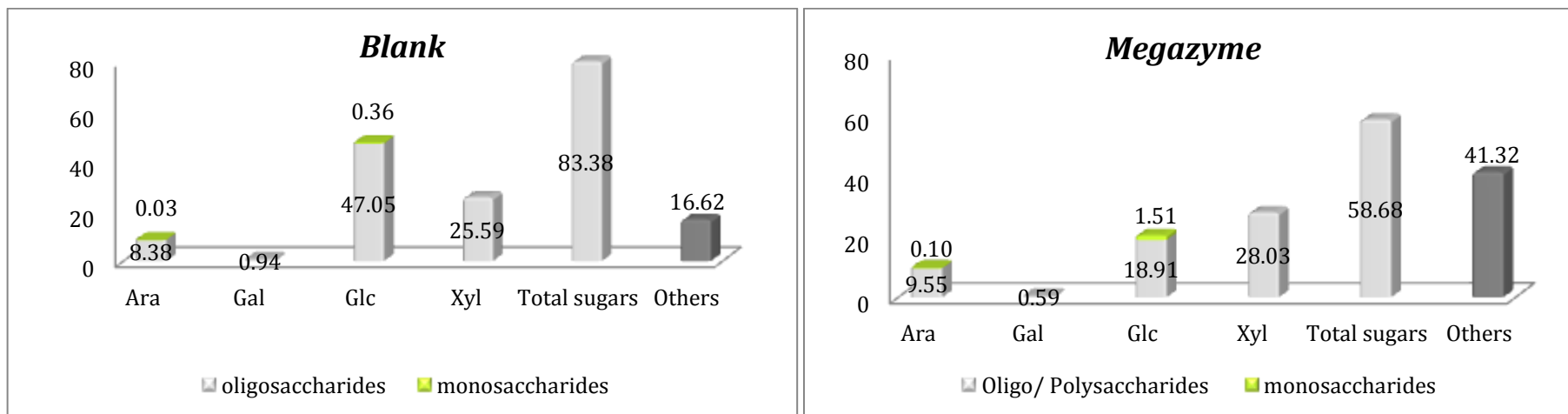
Average (n=3)

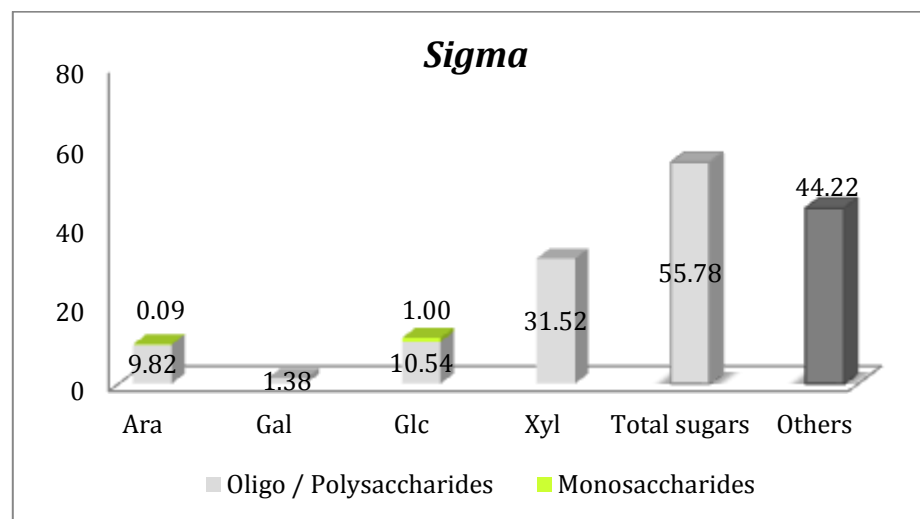
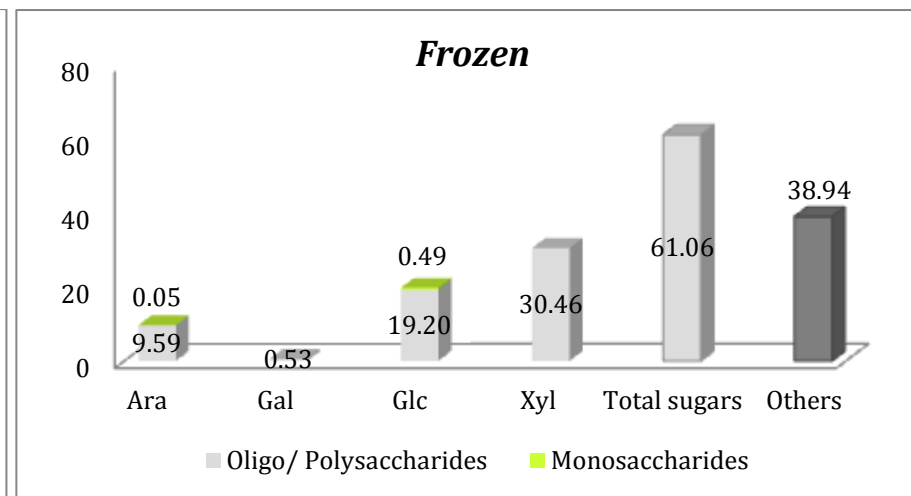
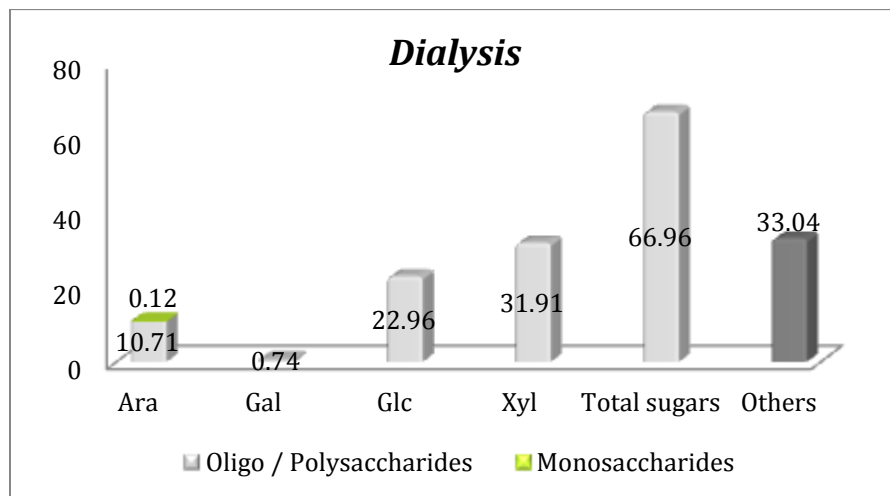
	Ara		Gal		Glc		Xyl		Sugars
	mono	oligo	mono	oligo	mono	oligo	mono	oligo	
Blank	0.0342	8.3754	0	0.9380	0.3649	47.0454	0	25.5894	83.3771
Frozen	0.0464	9.5916	0	0.5322	0.4942	19.1975	0	30.4645	61.0645
Dialysis	0.1213	10.7054	0	0.7381	0.0000	22.9589	0	31.9083	66.9639
Sigma	0.0923	9.8205	0	1.3793	0.9972	10.5365	0	31.5244	55.7827
Megazyme	0.0973	9.5450	0	0.5851	1.5081	18.9135	0	28.0271	58.6761

Mono= monosaccharides, Oligo= oligo/polysaccharides, Sugars=sum of all analysed sugars

INDIVIDUAL RESULTS (IN PERCENTAGE)

(Y axis: percentage; X axis: components)





IMPROVED PRODUCT

SUMMARY

Average (n=3)

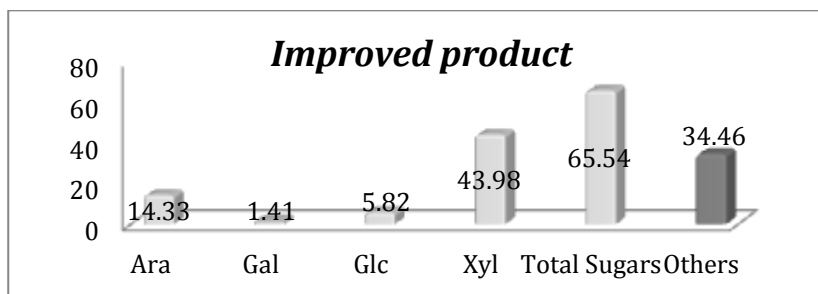
Sample	mg Sample /mL	% Glucose	yield Glucose (mg/mL)	% Arabinoxylans	yield Arabinoxylans (mg/mL)	ratio Arabinoxylans /glucose	% Sugars	V (mL)	m (mg)
Improved product	10.376	5.818	0.604	58.315	6.051	10.022	65.540	72.000	747.100

RESULTS IN PERCENTAGE

Average (n=3)

	Ara	Rha	Gal	Glc	Xyl	Man	Sugars
Improved product	14.332	0	1.407	5.818	43.982	0	65.540

Sugars=sum of all analysed sugars



(Y axis: percentage; X axis: components)