Typical Carbohydrate Profile for Wood and Pulps

	Sample	Glucose (%)	Xylose (%)	Arabinose (%)	Mannose (%)	Galactose (%)
Wood	Pinewood (*Pinus sylvestris* L.)	49.1	5.7	1.2	12.9	1.7
	Loblolly pine (*Pinus taeda* L.) Top juvenile normal wood	43.1	7.6	1.6	11.2	1.8
	Hardwoods					
	E. globulus*	53.4	14.2	0.4	1.1	1.5
	E. urograndis*	52.1	11.4	0.4	0.7	1.2
	Betula pendula	44.5	23.6	0.7	2.1	0.8
	Yellow birch	43.8	21.1	0.7	1.0	1.1
	Norway spruce (*Picea abies* L.)	46.9	4.4	1.2	10.4	5.3
Mechanical pulp	Spruce PGW pulp	39.3	7.0	0.5	14.6	1.0
Unbleached kraft pulp	Southern pine (kappa # = 24.2)	84.9	7.1	0.5	7.2	0.3
	Hardwoods (kappa # = 18.6)					
	E. globulus*	76.7	18.1	0.2	0.2	0.7
	E. urograndis*	82.0	13.9	0.2	0.2	0.2
	Betula pendula	73.1	23.4	0.2	0.6	0.0
Bleached kraft pulp	ECF SW					
	Kraft	86.8	6.5	<0.5	6.3	<0.5
	2% Polysulfide (PS)	84.9	5.9	<0.5	8.7	<0.5
	5% PS	82.2	4.6	<0.5	12.6	<0.5
	10% PS	80.1	5.6	<0.5	13.4	<0.5
	O-ECF SW					
	Kraft	87.1	5.9	<0.5	6.4	<0.5
	2% PS	85.3	5.6	<0.5	8.4	<0.5
	5% PS	83.6	4.2	<0.5	11.7	<0.5
	10% PS	82.2	4.5	<0.5	12.5	<0.5