

BioResource Chemical Compositions

Bioresource	Glucan	Xylan	Arabinan	Extractives	Lignin	Ash
Peanut Shells	22.1	10.7	1.4	8.5	35.2	7.2
Bagasse	36.1	20.8	2.8	6.1	17.8	2.0
Rice Hulls	49.1	8.3	1.3	6.4	12.9	15.2
Cassava Stalks	31.0	12.3	0.9	7.6	24.8	8.0
Kraft Fiber Sludge1*	32.3	12.2	0.6	5.8	24.0	5.8
Kraft Fiber Sludge2*	65.7	16.9	0.1	0.2	1.3	0.2
Kraft Fiber Sludge3*	42.7	9.8	0.6	1.9	24.0	1.9

*Sjoede, Anders; Ariksson, Bjoern; Joensson, Leif J.; Nilvebrant, Nils-Olof. The potential in bioethanol production from waste fiber sludges in pulp mill-based biorefineries. Applied Biochemistry and Biotechnology (2007), 137-140 327-337.