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(54) **Cellobiose production from biomass**

(57) The invention is directed to a method for the enzymatic production of cellobiose from sugar beet and other cellulose-containing biomass. Cellobiose is a disaccharide which consists of two molecules of glucose connected via a β -1,4 linkage. The process of the current invention allows for economic production of cellobiose and high yields.

The process for producing cellobiose according to the invention comprises the following steps: subjecting a cellulose containing material to a cellulase treatment at a dry matter content between 7.5 and 50 % (w/w), preferably between 10 and 25% (w/w), and more preferably between 12 and 20% (w/w), followed by separating the cellobiose containing liquid phase from the solid phase.

Fig. 3:

