

Title (en)
ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES

Title (de)
ENZYMATISCHE HYDROLYSE VON DISACCHARIDEN UND OLIGOSACCHARIDEN MITHILFE VON ALPHA-GLUCOSIDASE-ENZYMEN

Title (fr)
HYDROLYSE ENZYMATIQUE DE DISACCHARIDES ET D'OLIGOSACCHARIDES À L'AIDE D'ENZYMES ALPHA-GLUCOSIDASE

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Abstract (en)
[origin: WO2015130881A1] A method is disclosed for hydrolyzing an alpha-1,3 or alpha-1,6 glucosyl-glucose linkage in a saccharide (disaccharide or oligosaccharide). This method comprises contacting the saccharide with an alpha-glucosidase enzyme such as transglucosidase under suitable conditions, during which contacting step the enzyme hydrolyzes at least one alpha-1,3 or alpha-1,6 glucosyl-glucose linkage of the saccharide. This method is useful for reducing the amount of oligosaccharides in a filtrate isolated from a glucan synthesis reaction, for example.

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