

Title (en)

Sorbitol dehydrogenase, microorganisms for producing the same, process for the production thereof, and method for the measurement of sorbitol

Title (de)

Sorbitol-Dehydrogenase, Mikroorganismen zu dessen Herstellung, Verfahren ihrer Herstellung und zum Messen von Sorbitol

Title (fr)

Sorbitol déshydrogénase, microorganismes pour leur production, procédé de fabrication correspondant et procédé de mesure du sorbitol

Publication

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Application

EP 00118111 A 20000825

Priority

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Abstract (en)

[origin: EP1078983A1] A novel sorbitol dehydrogenase having excellent substrate affinity and substrate specificity which can be used to measure D-sorbitol which occurs in human erythrocytes and serum in a slight amount or D-sorbitol or D-fructose contained in foods, a microorganism for producing such an enzyme, and a process for the production of the enzyme using such a microorganism. Also disclosed is provides a method for the measurement of sorbitol using the foregoing sorbitol dehydrogenase and a reagent for the quantitative determination therefor.

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IPC 8 full level

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CPC (source: EP US)

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