

## Glucose Oxidase conc

$\beta$ -D-Glucose oxidase, E.C. 1.1.3.4

Description:	Glucose oxidase catalyzes the oxidation by molecular oxygen of glucose to gluconic acid and hydrogen peroxide. Glucose oxidase conc contains a very low level of catalase.
Origin:	<i>Aspergillus niger</i>
Application:	food industry, decolorization of textile fibers
Activity:	> 6.000 U/g (Glucose oxidase; substrate: glucose) < 50 U/g (Catalase; substrate: hydrogen peroxide)
Solubility:	soluble in water and buffer
Parameters of reaction:	<u>pH</u> 6.0 - 8.0 <u>temperature</u> 30 - 40°C
Order-No.:	2000
Form of delivery:	off-white powder
Storage:	4 - 8°C