

CERTIFICATE OF ANALYSIS

Glucose oxidase from *Aspergillus niger*
E.C. 1.1.3.4 lyophil.

Cat.No. : 22778
Contr.No.: 250989

Parameter	Method	Specification	Result
Molecular weight		ca. 160 000	
Appearance		yellow lyophilisate	corresponds
Solubility	5 mg/ml in 0.1 M Potassium-Phosphate buffer, pH 7.0	clear and yellow	corresponds
Activity (U/mg)	Glucose oxidase	min. 220	277
Extraneous activities	Ratio : GOD /Catalase	min. 2 000	68 900
	Catalase (U/mg material)		0.00402
Minimum shelf life			16.07.2027
Storage (°C)			-15 to -25

Unit definition

1 Unit is that amount of enzymatic activity which catalyzes the oxidation of 1 µmol glucose to glucuronic acid per minute at 25°C, pH 7.0.

We do not guarantee that the product can be used for a special application.
This document does not release you from performing the standard control upon receipt of incoming goods.

SERVA Electrophoresis GmbH
Quality Control

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Dr. Judith Koch

Daniela Lux-Helmstetter

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