

**CERTIFICATE OF ANALYSIS**

<b>Glucose-6-phosphate dehydrogenase from yeast</b>	<b>Cat.No. : 22820</b>
<b>E.C. 1.1.1.49 suspension</b>	<b>Contr.No.: 100459</b>

Parameter	Method	Specification	Result
<b>Molecular weight</b>		ca. 102 000	
<b>Appearance</b>		white suspension in 3.2 M ammonium sulfate, pH 6.0	corresponds
<b>Protein content (mg/ml)</b>		ca. 5.0	5.0
<b>Activity (U/mg protein)</b>	Glucose-6-phosphate dehydrogenase	ca. 140	136
<b>Minimum shelf life</b>			02/ 2013
<b>Storage (°C)</b>			+2 to +8

**Unit definition**

1 Unit catalyzes the oxidation of 1  $\mu$ mol glucose-6-phosphate per minute at 25°C, pH 7.8 in the presence of NADP<sup>+</sup>.

<b>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.</b>
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**SERVA Electrophoresis GmbH**  
**Quality Control****Printing date: 15.05.2012**

Dipl.-Ing. (FH) Bernhard Göckel

Daniela Lux-Helmstetter

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