

# CERTIFICATE OF ANALYSIS

**Glucose-6-phosphate dehydrogenase from yeast**  
E.C. 1.1.1.49 suspension

**Cat.No. : 22820**  
**Contr.No.: 220479**

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	169
<b>Minimum shelf life</b>			30.03.2025
<b>Storage (°C)</b>			+2 to +8

## Unit definition

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

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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