

**CERTIFICATE OF ANALYSIS****Alkaline Phosphatase from calf intestine**  
E.C. 3.1.3.1. solution**Cat.No. : 32471**  
**Contr.No.: 1420029**

<b>Parameter</b>	<b>Method</b>	<b>Specification</b>	<b>Result</b>
<b>Molecular weight</b>		ca. 140 000	
<b>Appearance</b>		colorless solution in 50% glycerol, cont. 5mM Tris, 5mM MgCl <sub>2</sub> , 0.1mM ZnCl <sub>2</sub> , pH ca. 7.0	corresponds
<b>Protein content (mg/ml)</b>		15 – 30	19.08
<b>Activity (U/mg protein)</b>	Alkaline Phosphatase	ca. 3 000	4 470
<b>Minimum shelf life</b>			09/ 2015
<b>Storage (°C)</b>			+2 to +8

**Unit definition**

1 Unit is that amount of enzymatic activity which catalyzes the hydrolysis of 1 µmole 4-nitrophenyl phosphate per minute at 37°C, pH 9.8.

**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****Printing date: 21.01.2014**

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