

**CERTIFICATE OF ANALYSIS**

<b>Alkaline Phosphatase from calf intestine</b>	<b>Cat.No. : 32471</b>
E.C. 3.1.3.1. solution	<b>Contr.No.: 150951</b>

Parameter	Method	Specification	Result
<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	19.68
<b>Activity (U/mg protein)</b>	Alkaline Phosphatase	ca. 3 000	5016
<b>Minimum shelf life</b>			02/ 2017
<b>Storage (°C)</b>			+2 to +8

**Unit definition**

1 Unit is that amount of enzymatic activity which catalyzes the hydrolysis of 1  $\mu$ mole 4-nitrophenyl phosphate per minute at 37°C, pH 9.8 (DEA buffer).

<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:** 12.08.2015

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