

CERTIFICATE OF ANALYSIS

Alkaline Phosphatase from calf intestine
E.C. 3.1.3.1. solution

Cat.No. : 32471
Contr.No.: 250637

Parameter	Method	Specification	Result
Molecular weight		ca. 140 000	
Appearance		colorless solution in 40 % glycerol, containing 6 mM Tris/HCl, 6 mM MgCl ₂ and 0.12 mM ZnCl ₂ , pH ca. 7.6	corresponds
Protein content (mg/ml)	Biuret	15 – 35	22.1
Activity (U/mg protein)	Alkaline Phosphatase	ca. 3 000	4 296
Minimum shelf life			14.07.2027
Storage (°C)			+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 (DEA buffer).

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

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