

CERTIFICATE OF ANALYSIS

Alkaline Phosphatase from calf intestine	Cat.No. : 32471
E.C. 3.1.3.1. solution	Contr.No.: 160414

Parameter	Method	Specification	Result
Molecular weight		ca. 140 000	
Appearance		colorless solution in 50% glycerol, cont. 5mM Tris, 5mM MgCl ₂ , 0.1mM ZnCl ₂ , pH ca. 7.0.	corresponds
Protein content (mg/ml)		15 – 30	16.52
Activity (U/mg protein)	Alkaline Phosphatase	ca. 3 000	4194
Minimum shelf life			28.01.2018
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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