

CERTIFICATE OF ANALYSIS

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|---|--------------------------|
| Alkaline Phosphatase from calf intestine | Cat.No. : 32471 |
| E.C. 3.1.3.1. solution | Contr.No.: 151428 |

| 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 | 19.68 |
| Activity (U/mg protein) | Alkaline Phosphatase | ca. 3 000 | 4258 |
| Minimum shelf life | | | 11.02.2017 |
| 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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