

Alkaline Phosphatase from Microorganism

Product Code: 171553

EC no: 3.1.3.1

SKU: 171553

Category: [Enzymes](#)

PRODUCT DESCRIPTION

SPECIFICATIONS:

EC 1.7.3.3

Product name: Orthophosphoric monoester phosphohydrolase (alkaline optimum)

Appearance: Transparent liquid

Activity: Grade II, 30,000 U/ml or more

Contaminants:

- Adenosine deaminase $\leq 1.0 \times 10^{-4}\%$,
- Phosphodiesterase $\leq 3.0 \times 10^{-3}\%$

Stability: Stable at 2 - 8 °C for at least 12 months

Molecular weight: Approx. 104,000

Optimum pH: 9.5

Optimum temperature: > 60°C

pH Stability: pH 5.5–10.4 (25°C, 16hr)

Thermal stability: Below 65 °C (pH 7.0, 60min)