



CERTIFICATE OF ANALYSIS

Product **BIOTINYLATED ALKALINE PHOSPHATASE**

Catalog No. B-2005

Amount 1 mg

Lot No. V1213

Specific activity 2200 units/mg protein. One unit = 1.0 umole of p-nitrophenol liberated from p-nitrophenylphosphate per minute t 37 °C (pH 9.5)

Enzyme biotinylated 99%

Storage 4 °C*

Concentration 1 mg/ml

Solution 10 mM HEPES, 0.15 M NaCl, 1 mM mMg⁺⁺, 1 mM Zn⁺⁺, pH 7.5, 0.08% azide. The enzyme has been stabilized by addition of immunohistochemical grade bovine serum albumin.

Remarks:

*Storage of dilute solutions of the enzyme is not recommended. to maintain maximum enzyme activity during long term storage (>6 months) and to limit denaturation of the enzyme by repeated freeze-thawing, aliquots may be stored at -20 °C until used.