

CERTIFICATE OF ANALYSIS

HUMAN ENZYMES

Alkaline Phosphatase

Product code: E125-4

Batch No: 121-124

Product presentation: Supplied as a single homogenous batch, liquid in 0.025M TRIS buffer, pH 7.6, containing a 70% ammonium sulphate suspension, 1mM magnesium and 0.1mM zinc.

Starting material: Human placenta. Starting material donor tested and found negative for HIV I & II antibodies, HIV I Antigen, Hepatitis B surface antigen, Hepatitis C antibodies and Syphilis by approved FDA methods.

Unit Definition: One unit will convert one micromole of p-nitrophenyl phosphate to p-nitrophenol and phosphate per minute at 37°C in the presence of AMP (2-amino-2-methyl-1-propanol) at pH 10.35.

Storage: Store at 2-8°C, shelf life minimum 1 year.

Analysis

Results

Specific Activity. 68.9 U/mg protein.

Enzyme Activity at 37°C. 103 U/ml.

Total protein concentration as determined by Coomassie. 1.87 mg/ml.

Position: **Name:**

Signed: **Date:** **Order No:**