



CERTIFICATE OF ANALYSIS

Alkaline Phosphatase

Product Specifications

Product code:	E125-4
Batch No:	26-174
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.
Expiry Date:	01/Apr/2011

Product Analysis

Specific Activity:	109.1	U/mg protein.
Enzyme Activity at 37°C:	158.2	U/ml.
Total protein concentration as determined by Coomassie:	1.45	mg/ml.