



CERTIFICATE OF ANALYSIS

Product	Alkaline phosphatase Power AP
Grade	Biotech
Product Code	AZ235A
Formula	N/A
MW	N/A
Source	Calf Intestine
Lot No	

Test Items	Specifications
Appearance	freeze-dried powder
Activity	3,000-6,000U/mg powder
Protein	95%
Specific Activity	3,000-6,000U/mg protein
Solubility	soluble in distilled water or dilute buffer

Unit Definition: One unit liberates one micromole of p-nitrophenol per minute at 37°C and pH 9.8 in DEA buffer. Activity is determined by measuring the increase in optical density at 405 nm resulting from the hydrolysis of p-nitrophenol phosphate.

Contaminants: Free of endonuclease, exonuclease and Rnase activities.

Storage: -20°C