



Bio Basic Inc.

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## CERTIFICATE OF ANALYSIS

Product	Alkaline phosphatase 50% Glycerol
Grade	Biotech
Product Code	AZ235C
Formula	N/A
MW	N/A
CAS#	N/A
Source	Calf Intestine
Lot No	

Test Items	Specifications	Results
Appearance	In 50% Glycerol solution w/5mM Phosphate, 1mM $MgCl_2$ and 0.1mM $ZnCl_2$	
Specific activity	3,000-6,000 U/mg protein	
Solubility	soluble in water or dilution buffer	Free

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

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