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Certificate of Analysis

Product Description: Alkaline Phosphatase
Catalog Number: 199817
Lot: M9635**Formula:** N/A
CAS #: 9001-78-9
Physical Description: Off-White Suspension**Formula Weight:** N/A
Storage: +4°C, do not freeze

Test	Specification	Result
Identity Test	Passes	Passes
Source	<i>E. coli</i>	<i>E. coli</i>
Specific Activity	≥30 u/mg protein	80 ± 5 u/mg protein
Activity	~1000 u/ml	1000 u/ml
Supplied as	Ammonium Sulfate Suspension	Passes
Expiration Date	Month/Day/Year	8/27/2015

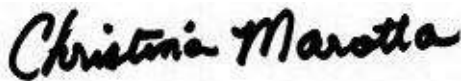
Unit Definition: One unit will hydrolyze 1 μmole of 4-nitrophenyl phosphate per minute at pH 8.0, 37°C.

Protein Concentration: 12.5 mg/ml

The preparation may lose approx. 5% of the activity by the end of storage period.

Protein in 20mM Tris-HCl buffer, pH7.7

Activity assay in 500mM Tris-HCl (pH 8.0), 0.1M MgCl₂, 10mM 4-nitrophenyl phosphate



09/16/2014 - Christina Marotta
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Technical Director

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