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CERTIFICATE OF ANALYSIS

| | |
|--------------|-------------------------------|
| Product | Alkaline phosphatase Power AP |
| Grade | Conjugation |
| Product Code | AZ140A |
| Formula | N/A |
| MW | N/A |
| Source | Calf Intestine |
| Lot No | |

| Test Items | Specifications |
|-------------------|---|
| Appearance | freeze-dried powder |
| Activity | approx. 1000U/mg powder |
| Protein | 95% |
| Specific Activity | Approx. 1000U/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

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