

Certificate of analysis

Product Name/Description: Alkaline Phosphatase (E. coli C75)
Cat. #: 2120A
Lot #: Specified on product label
Storage Conditions: -20 degrees C
Expiration Date: Specified on product label or package

Package Size: 50 U

Package Contents:

1. Alkaline Phosphatase (E. coli C75)	0.5 U/ μ l	50 U
2. 10X Alkaline Phosphatase Buffer		1 ml

Source: Escherichia coli C 75

Unit Definition: One unit of the enzyme is defined as the amount that produces 1 μ mol of p-nitrophenol per minute at 25°C and pH 8.0, with p-nitrophenyl phosphate as the substrate.

Quality Control Data:

Nuclease contamination test:
Nuclease activity was not detected by agarose gel electrophoresis following the reactions below:
1) Incubating 1 μ g of λ -Hind III digest with 1 unit of this product for 16 hours at 37°C.

2) Incubating 1 μ g of 16S, 23S rRNA with 1 unit of this product for 16 hours at 37°C.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department of Takara Bio Inc.

Notice To Purchaser:

Please refer to the website.

Product Documents, Patent Markings, Trademarks, & Safety Information:

Refer to website for availability to download or contact your local office:
www.takara-bio.co.jp (Japanese)
www.takarabio.com (English)

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