

# Certificate of analysis

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**Product Name/Description:** 20 bp DNA Ladder  
**Cat. #:** 3409A  
**Lot #:** Specified on product label  
**Storage Conditions:** -20 degrees C  
**Expiration Date:** Specified on product label or package

**Package Size:** 50 µg

<b>Package Contents:</b>	1. 20 bp DNA Ladder	200 ng/µl	50 µg
	2. 6X Loading Buffer		1 ml

**Note:** Storage condition of component "6X Loading Buffer": Once thawed, it should be stored at room temperature.

## Quality Control Data:

By comparing Sample with Control, no significant difference was observed in the intensity and size of the fragments on the electrophoresis gel. This marker consisted of 10 fragments between 20 and 200 bp in multiples of 20 bp and additional fragments at 300, 400 and 500 bp. The 100, 200 and 500 bp fragments were brighter than the other fragments and served as a visible reference indicator; all other fragments appeared with equal intensity on the gel. They were all double-stranded DNA fragments.

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](http://www.takara-bio.co.jp) (Japanese)

[www.takarabio.com](http://www.takarabio.com) (English)

**Licence Statements:**

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