

## Certificate of analysis

---

**Product Name/Description:** 50 bp DNA Ladder (Dye Plus)  
**Cat. #:** 3421A  
**Lot #:** Specified on product label  
**Storage Conditions:** -20 degrees C  
**Expiration Date:** Specified on product label or package

**Package Size:** 500 µl

**Package Contents:** 1. 50 bp DNA Ladder (Dye Plus) 100 lanes 500 µl

**Note:** Once thawed, this product should be stored at 4°C.  
Avoid freeze-thaw cycles.

**Quality Control Data:**

This marker consisted of 16 fragments between 50 bp and 1,500 bp.  
Significant differences of size and intensity of the fragments were not observed by agarose gel electrophoresis comparing with previous lot.

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:**

Please visit our website and click the "license" button on the product's web page.

**©2019 Takara Bio Inc. All Rights Reserved.**

All trademarks are the property of Takara Bio Inc. or its affiliate(s) in the U.S. and/or other countries or their respective owners. Certain trademarks may not be registered in all jurisdictions.