

# Certificate of analysis

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**Product Name/Description:** PrimeGel™ Agarose LMT 1-20K GAT  
**Cat. #:** 5806A  
**Lot #:** Specified on product label  
**Storage Conditions:** Room temperature  
**Expiration Date:** 2 years from date of receipt under proper storage condition

**Package Size:** 25 g

**Package Contents:** 1. PrimeGel™ Agarose LMT 1-20K GAT 25 g

**Quality Control Data:**

## Chemical and Physical Test:

- 1) Moisture was  $\leq 7\%$
- 2) Ash was  $\leq 0.4\%$
- 3) "Electroendosmosis -Mr (pH 8.4, Wieme method)" was  $\leq 0.12$
- 4) Sulfate was  $\leq 0.12\%$
- 5) Clarity (NTU) of 1.5% was  $\leq 4$
- 6) Gel Strength (g/cm<sup>2</sup>) of 1.5% was  $\geq 500$
- 7) Gelling Temperature of 1.5% was 24-28°C
- 8) Melting Temperature of 1.5% was  $\leq 65.5^\circ\text{C}$

## Functional Test:

- 1) Comparative assay of different size DNA fragments: Passed
- 2) Background fluorescence assay in Ethidium Bromide: Passed
- 3) DNase and RNase activity: Not detected

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)

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