

Certificate of Analysis



Product name/Description: PrimeGel™ Agarose HGT PT
Cat. #: 5821A
Lot #: ADZP062
Storage Condition: Room temperature
Shipping Condition: Room temperature
Expiration Date: 2 years from date of receipt under proper storage conditions

Package Size: 100 g

Package Contents: 1. PrimeGel Agarose HGT PT 100 g

Product Documents: Documents for Takara Bio products are available for download at www.takara-bio.com

Quality Control Data:

Chemical and Physical Test Results:

- 1) Moisture was $\leq 8\%$
- 2) Ash was $\leq 0.4\%$
- 3) "Electroendosmosis –Mr (pH 8.4, Wieme method)" was ≤ 0.14
- 4) Sulfate was $\leq 0.2\%$
- 5) Clarity (NTU) of 1.5% was ≤ 4
- 6) Gel Strength (g/cm^2) of 1% was ≥ 900
- 7) Gel Strength (g/cm^2) of 1.5% was ≥ 1200
- 8) Gelling Temperature of 1.5% was $42 \pm 1.5^\circ\text{C}$
- 9) Melting Temperature of 1.5% was $87 \pm 1.5^\circ\text{C}$

Functional Test Results:

- 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 above specifications.

Manager, Quality Assurance
TAKARA BIO INC.

Safety Information :

Please refer to our website for safety information :

<http://www.takara-bio.com>

Notice To Purchaser :

This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals. Also, do not use this product as food, cosmetic, or household item, etc.

Takara products may not be resold or transferred, modified for resale or transfer, or used to manufacture commercial products without written approval from TAKARA BIO INC.

If you require licenses for other use, please contact us by phone at +81 77 543 7247 or from our website.

<http://www.takara-bio.com>

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It is your responsibility to review, understand and adhere to any restrictions imposed by such statements.

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