

Certificate of Analysis



PRODUCT: Agarose

CAT. NO.
GS201

AMOUNT
2* 100 g

LOT NUMBER
P10203

SHELF LIFE
Two years

STORAGE CONDITIONS
at room temperature for two years

SHIPPING CONDITIONS
at room temperature

DESCRIPTION

High purity agarose which is free of DNase, RNase, and protease. Staining with ethidium bromide or GelStain provides low background, strong electrophoretic separation performance, and clear bands. Agarose is suitable for electrophoresis of various DNA and RNA.

Agarose gel concentration	Optimal Resolution Range for Linear DNA (bp)
0.5%	1,000 ~ 30,000
0.7%	800 ~ 12,000
1.0%	500 ~ 10,000
1.2%	400 ~ 7,000
1.5%	200 ~ 3,000
2.0%	50 ~ 2,000

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QUALITY CONTROL DATA

Assay	Standard	Result
Appearance	White powder. The color is not significantly different from that of the control batch.	Meets standards
Mobility and resolution	The mobility and resolution of this batch of agarose are not significantly different or similar compared with the control batch.	Meets standards
Transformation identification of the recovered fragments	Using agarose of this batch, the transformation rate and positive percentage of the circular DNA from the ligation of vectors and the recovered fragments are not evidently different or similar compared with using agarose of the control batch.	Meets standards



Notice to Purchaser

All products are for research use only. Caution: Not intended for human or animal diagnostic or therapeutic uses. If you have any further questions about this Certificate of Analysis, please contact us at +86-10-57815027 or +86-400-898-0321.

TransGen Biotech products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without prior written approval of TransGen Biotech Co., Ltd.

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A handwritten signature in black ink that reads "Heng Zheng".

Manager, Quality Control Department

05/02/2021