

# Certificate of Analysis

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**PRODUCT:** GelStain

**CAT. NO.**  
GS101

**AMOUNT**  
2 boxes

**LOT NUMBER**  
P41221

**SHELF LIFE**  
Two years

**STORAGE CONDITIONS**

at room temperature protected from light for two years.

**SHIPPING CONDITIONS**

at room temperature

**DESCRIPTION**

GelStain is a sensitive, stable and relatively safe fluorescent nucleic acid dye designed to replace the highly toxic ethidium bromide (EtBr) for staining dsDNA, ssDNA or RNA in agarose gels or polyacrylamide gels. The sensitivity of GelStain is much higher than EB, and destaining is not required. GelStain and EB have virtually the same spectral properties.

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## QUALITY CONTROL DATA

Assay	Standard	Result
Appearance	The liquid should be clear and free of sediment or floccule, and the color has no significant difference comparing with the batch of control.	Meets standards
Post-staining method	Staining can be performed correctly within a specified time period (30 minutes), which shows no significant difference compared with the control batch.	Meets standards
Precast staining method	Staining can be applied to different types of fragments (PCR products, plasmids, genomic DNA, and RNA), which shows no significant difference compared with the control batch.	Meets standards



# Notice to Purchaser

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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

30/03/2022