

Certificate of Analysis

Product Name: eGFP mRNA(5' CAP)
 Cat. No.: GM10001
 Batch No.: 4
 Chemical Name:

ANALYTICAL DATA

mRNA Length : 996 nucleotides
 Concentration: 1mg/mL
 Buffer: 1 mM Sodium Citrate, pH 6.4
 Storage: -40°C or below

	QC Standard	Results
Appearance:	Colorless and Transparent Liquid	Pass
mRNA Concentration (Ultraviolet spectroscopy):	0.9-1.1mg/mL	1.02mg/mL
mRNA Purity (A260/A280 ratio, Ultraviolet spectroscopy):	1.8-2.1	2.0
Percentage of Intact mRNA (Agilent 5200):	≥85%	88%
Percentage of Capped mRNA:	≥85%	98%
Functional Assay(293T Cell / after 24 hours Transfection):	The percentage of cells expressing eGFP was more than 70%	Pass

Caution: Product has not been fully validated for medical applications. For research use only.

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