

## Certificate of Analysis

Product Name: eGFP mRNA with N1-Me-pUTP (5'CAP)  
Cat. No.: GM10004  
Batch No.: 2  
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	1.053mg/mL
mRNA Purity (A260/A280 ratio, Ultraviolet spectroscopy):	1.8-2.1	1.94
Percentage of Intact mRNA (Agilent 5200):	≥85%	98.0%
Functional Assay(293T Cell /after 24 hours Transfection):	Signal Value of eGFP Activity $\geq 10^7$	Pass

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

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