





Certificate of Analysis

Product Name: eGFP mRNA with N1-Me-pUTP (5'CAP)

Cat. No.: GM10004

Batch No.: 3

Chemical Name:

ANALYTICAL DATA

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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