

Certificate of Analysis

Product Name: mCherry mRNA with N1-Me-pUTP (5'CAP)
Cat. No.: GM10010
Batch No.: 1
Chemical Name:

ANALYTICAL DATA

mRNA Length : 996 nucleotides
Concentration: 1mg/mL
Buffer: RNase Free Water
Storage: -40°C or below

	QC Standard	Results
Apperance:	Colorless and Transparent Liquid	Pass
mRNA Concentration (Ultraviolet spectroscopy):	0.9-1.1mg/mL	1.04mg/mL
mRNA Purity (A260/A280 ratio, Ultraviolet spectroscopy):	1.8-2.1	1.96
Percentage of Intact mRNA (Agilent 5200):	≥85%	95.7%
Functional Assay(293T Cell / after 24 hours Transfection):	mCherry mRNA canhormally express redfluorescent in cells by transfection	Conforms

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

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