

Certificate of Analysis

Product Name: mCherry mRNA (5'CAP)
 Cat. No.: GM10009
 Batch No.: 1
 Chemical Name:

ANALYTICAL DATA

mRNA Length :
 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	1.0 mg/mL
mRNA Purity (A260/A280 ratio, Ultraviolet spectroscopy):	1.8-2.1	2.1
Percentage of Intact mRNA (Agilent 5200):	≥85%	94.4%
Functional Assay(293Cell / after 24 hours Transfection):	mCherry mRNA can normally express redfluorescent protein in cells by transfection	Pass

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

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