

CERTIFICATE OF ANALYSIS			
Gene Name	pmirGLO	Order No.	G0274180-1
Lot No.	E61366	Strain	JM108
Quantity	100ug	Quality grade	Research Grade
QC Results			
Test Items	Specifications		Results
Appearance	Clear, no visible particles		Pass
Concentration	On request, default 1ug/uL		Pass
A260/280	1.8 - 2.0		Pass
A260/230	>2.0	Pass	
Supercoiled content	No request		N/A
Residual RNA	Not visible upon electrophoresis		Pass
Genomic DNA	Not visible upon electrophoresis		Pass
Restriction Analysis	Conforms to reference		Pass
Bioburden assay	No growth on agar plate after 24 hours		N/A
Endotoxin Test	Verified, (Endo-Free Preps Only)		N/A
Label	Correct and white		Pass
Sequencing	Correct		Pass
Comments	-	-	
Restriction Digestion Map			
1 2 M			
<u>bp</u> — 12000	Lane1:Plasmid DNA		
	Lane2:Plasmid digested by MluI-XhoI		
— 3000 — 2500 — 2000 — 1500 — 1000	Lane	M: DNA Marker	•
— 750 — 500 — 250			



Certified by: Chou Fang

Date: <u>Dec/13/2023</u>
Valid until: <u>Dec/13/2026</u>