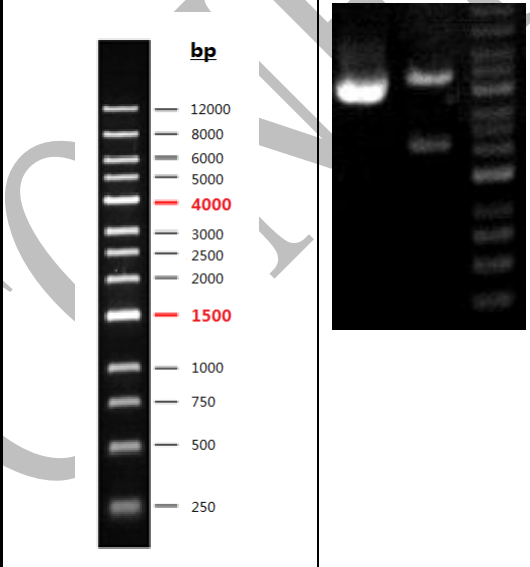


CERTIFICATE OF ANALYSIS			
Vector Name	pLacZi	Catalog No.	V013412
Project/Lot No.	G0332376-1/ D88364	Strain	DH10B
Quantity	100ug	Resistance	Ampicillin
QC Results			
Test Items	Specifications	Results	
Appearance	Clear, no visible particles	Pass	
Concentration	On request, default	Pass	
A260/280	1.8 - 2.0	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
 <p>bp</p> <p>12000</p> <p>8000</p> <p>6000</p> <p>5000</p> <p>4000</p> <p>3000</p> <p>2500</p> <p>2000</p> <p>1500</p> <p>1000</p> <p>750</p> <p>500</p> <p>250</p>	<p><b>Lane 1:</b> Plasmid DNA</p> <p><b>Lane 2:</b> Plasmid digested by SacI (4,682 bp+2,185 bp in theory)</p> <p><b>Lane M:</b> DNA Marker</p>		

Certified by: Chou Fang



Date: Aug/31/2024

Valid until: Aug/31/2026