


# CERTIFICATE OF ANALYSIS

<b>Vector Name</b>	pMW82	<b>Catalog No.</b>	V004383
<b>Lot No.</b>	C243396	<b>Size</b>	5,129 bp
<b>Quantity</b>	100ug	<b>Resistance</b>	Ampicillin

## 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

	M	2	1
<p>DL5000</p> <p>bp</p> <p>5000</p> <p>3000</p> <p>2000</p> <p>1500</p> <p>1000</p> <p>750</p> <p>500</p> <p>250</p> <p>100</p> <p>1.2% Agarose 1xTAE Buffer</p> <p>5ul/lane</p>		<p><b>Lane1:</b>Plasmid DNA</p> <p><b>Lane2:</b>Plasmid digested by HindIII and BamHI</p> <p><b>Lane M:</b> DNA Marker</p>	

**Certified by: Chou Fang**

**Date: Apr/01/2023**

**Valid until: Apr/01/2026**