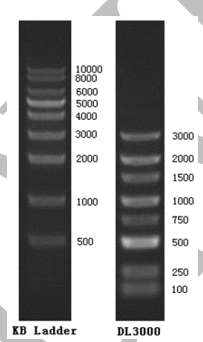
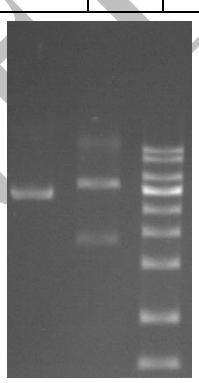
CERTIFICATE OF ANALYSIS

Vector Name	pME6031	**Catalog No.**	V004776
Project/Lot No.	C6144EUUG0-2/PD97627	**Strain**	JM108
Quantity	100ug	**Resistance**	Tetracycline

QC Results

Test Items	Specifications	Results
Appearance	Colorless, clear, free of precipitate or foreign particles	Pass
Sequence Accuracy	Sequencing verification match the order requirements	Pass
Electrophoresis Analysis	DNA bands with expected sizes detected by agarose gel electrophoresis	Pass
A260/280	1.8-2.0	Pass
Residual RNA	Not visible on agarose gel	Pass
E.coli Genomic DNA	The intensity of genomic DNA <15% of that of all bands	Pass
Homogeneity	Predominantly supercoiled	Pass
Endotoxin	No QC testing was requested	N/A
Bio-Burden Test	No QC testing was requested	N/A
Additional Tests	N/A	N/A

Restriction Digestion Map

Marker	1	2	M	Description of Map
				**Lane 1:** Plasmid **Lane 2**: Plasmid Digested with by HindIII/ XbaI (5494/2816 bp in theory) **Lane M**: DNA Marker

Certified by: Chou Fang
Date: Mar/12/2025
Valid until: Mar/12/2028

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