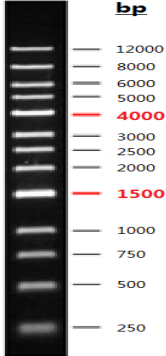
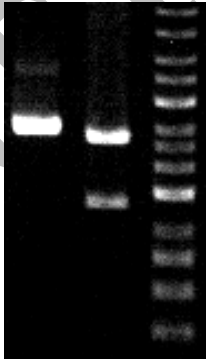


Certificate of Analysis				
Vector Name	pAL5000-MCS	Catalog No.	V013911	
Project/Lot No.	G0332033-3/E93389	Strain	DH10B	
Quantity	100ug	Resistance	Kanamycin	
QC Results				
Test Items	Specifications	Results		
Appearance	Clear, no visible particles	Pass		
Concentration	The error range is within 5%	Pass		
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				
Marker	1	2	M	Description of Map
			<p><b>Lane1:</b> Plasmid DNA</p> <p><b>Lane2:</b> Plasmid digested by NcoI (2,719bp + 1,363 bp in theory)</p> <p><b>Lane M:</b> DNA Marker</p>	

**Certified by: Chou Fang**

**Date: Sep/04/2024**
**Valid until: Sep/04/2026**