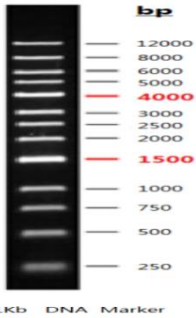
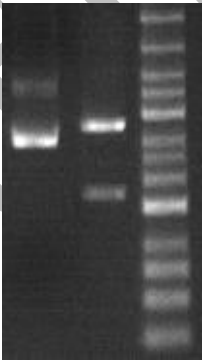


CERTIFICATE OF ANALYSIS				
<b>Vector Name</b>	pIB139	<b>Catalog No.</b>	V012917	
<b>Project/Lot No.</b>	G0344198-1/K30037	<b>Strain</b>	Top10	
<b>Quantity</b>	100ug	<b>Resistance</b>	Apramycin	
QC Results				
Test Items	Specifications	Results		
<b>Insert Sequence</b>	Insert sequence results consistent with target	Pass		
<b>Vector Sequence</b>	Flanking sequence consistent with expected	Pass		
<b>ORF Across Junction</b>	Correct and consistent with target	N/A		
<b>Restriction Digest</b>	Expected fragment sizes observed	Pass		
<b>PCR Amplification</b>	Correct without non - specific bands	Pass		
<b>DNA Quantity/Quality</b>	Concentration (n/a if lyophilized)	N/A		
	Purity (A 260/A280 = 1.8 - 2.0)	Pass		
	Matrix	TE (lyophilized)		
<b>Endotoxin Test</b>	Verified, <0.1 EU/μg (Endo-Free Preps Only)	N/A		
<b>Appearance</b>	Clear, no visible particles	Pass		
<b>Label</b>	Correct and white	Pass		
<b>Comments</b>	-	-		
Restriction Digestion Map				
Marker	1	2	M	Description of Map
 <p style="font-size: small;">1Kb DNA Marker</p>				<p><b>Lane 1:</b> Plasmid</p> <p><b>Lane 2:</b> Plasmid Digested with XbaI-XhoI (1814/3901 bp in theory)</p> <p><b>Lane M:</b> DNA Marker</p>

**Certified by: Chou Fang**  
**Date: Dec/03/2024**  
**Valid until: Dec/03/2026**

