

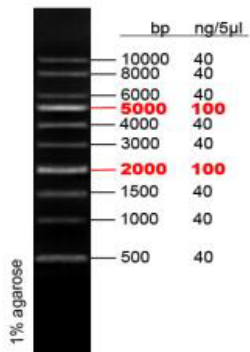
CERTIFICATE OF ANALYSIS

Vector Name	pBBR1MCS-5	Vector Resistance	Gentamicin
Lot No.	80-1277233634-4	Vector Size	4768
Quantity	100ug	Competent Cell	DH5a

QC Results

Test Items	Specifications	Results
Insert Sequence	Insert sequence results consistent with target	Pass
Vector Sequence	Flanking sequence consistent with expected	Pass
ORF Across Junction	Correct and consistent with target	N/A
Restriction Digest	Expected fragment sizes observed	Pass
PCR Amplification	Correct without non - specific bands	Pass
DNA Quantity/Quality	Actual yield (by A 260)	5ug/5ug
	Concentration (n/a if lyophilized)	N/A
	Purity (A 260/A280 = 1.8 - 2.0)	Pass
	# of Tubes	20
	Matrix	TE (lyophilized)
Endotoxin Test	Verified, <0.1 EU/μg (Endo-Free Preps Only)	N/A
Appearance	Clear, no visible particles	Pass
Label	Correct and white	Pass
Comments	-	-

Restriction Digestion Map

	1	2	M	
<p>1kb ladder</p>  <p style="font-size: small;">1% agarose</p>	1	2	M	<p>Lane 1: Plasmid</p> <p>Lane 2: Plasmid Digested with ApaI and AgeI</p> <p>Lane M: DNA Marker</p>

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Certified by: Chou Fang
Date: Aug/11/2023
Valid until: Aug/11/2025