

Project/Lot No.   G0334660-2/D91303   Strain   JM109     Quantity   100ug   Resistance   Chloramphenicol     QC Results     Test Items   Specifications   Results     Appearance   Clear, no visible particles   Pass     Concentration   On request, default   Pass     A260/280   1.8 - 2.0   Pass     Supercoiled content   No request   N/A     Residual RNA   Not visible upon electrophoresis   Pass     Genomic DNA   Not visible upon electrophoresis   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 and white   Pass     Comments   -   -   -     Marker   1   2   M   Description of Map     Lane 1: Plasmid DNA   Lane 1: Plasmid digested by Xhol-Xbal (2,267 bp+ 943 bp in theory)   Lane M: DNA Marker	Vector Name	рВТ	Catalog No.	V009019	
QC Results     Test Items   Specifications   Results     Appearance   Clear, no visible particles   Pass     Concentration   On request, default   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     Comments   -   -     Correct   Pass     Comments   -   -     Lane 1: Plasmid DNA     Lane 2: Plasmid digested by Xhol-Xbal (2,267 bp+ 943 bp in theory)     Lane M: DNA Marker   Lane M: DNA Marker	Project/Lot No.	G0334660-2/D91303	Strain	JM109	
Test ItemsSpecificationsResultsAppearanceClear, no visible particlesPassConcentrationOn request, defaultPassA260/2801.8 - 2.0PassA260/230>2.0PassSupercoiled contentNo requestN/AResidual RNANot visible upon electrophoreşisPassGenomic DNANot visible upon electrophoreşisPassGenomic DNANot visible upon electrophoreşisPassBioburden assayNo growth on agar plate after 24 hoursN/AEndotoxin TestVerified, (Endo-Free Preps Only)N/ALabelCorrect and whitePassSequencingCorrectPassCommentsCommentsIIMDescription of MapLane 1: Plasmid DNALane 2: Plasmid digested by Xhol-Xbal (2,267 bp+ 943 bp in theory)Lane M: DNA Marker	Quantity	100ug	Resistance	Chloramphenicol	
Appearance   Clear, no visible particles   Pass     Concentration   On request, default   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     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   -   -     Marker   1   2   M   Description of Map     Image: Pass   Image: Plasmid digested by Xhol-Xbal (2,267 bp+ 943 bp in theory)   Lane M: DNA Marker		QC Re	sults		
Concentration   On request, default   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   Lane 1: Plasmid DNA   Lane 2: Plasmid digested by Xhol-Xbal (2,267 bp+ 943 bp in theory)     1500   1500   1500   Lane M: DNA Marker	Test Items	Specif	ications	Results	
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     Lane 1: Plasmid DNA     Lane 2: Plasmid digested by Xhol-Xbal   (2,267 bp+ 943 bp in theory)     Lane M: DNA Marker   Lane M: DNA Marker	Appearance	Clear, no visible particl	es	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	Concentration	On request, default		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   Lane 1: Plasmid DNA   Lane 2: Plasmid digested by Xhol-Xbal (2,267 bp+ 943 bp in theory)     Lane M: DNA Marker   Lane M: DNA Marker   Lane M: DNA Marker	A260/280	1.8 - 2.0		Pass	
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     Lane 1: Plasmid DNA     1   2   M   Description of Map     Lane 1: Plasmid digested by Xhol-Xbal     (2,267 bp+ 943 bp in theory)   Lane M: DNA Marker	A260/230	>2.0		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     Lane 1:   Plasmid DNA   Lane 2:   Plasmid DNA     1   2   M   Description of Map     Lane 2:   Plasmid digested by Xhol-Xbal   (2,267 bp+ 943 bp in theory)     1   1000   1000   1000   1000     1   1000   1000   Lane M: DNA Marker	Supercoiled content	No request		N/A	
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   Correct   Pass     Restriction Digestion Map   Pass     Marker   1   2   M   Description of Map     Image: state st	Residual RNA	Not visible upon electr	ophoresis	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     Image: sequencing in the sequence in the	Genomic DNA	Not visible upon electr	ophoresis	Pass	
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     Marker   1   2   M   Description of Map     Lane 1: Plasmid DNA   Lane 1: Plasmid digested by Xhol-Xbal (2,267 bp+ 943 bp in theory)   Lane M: DNA Marker	Restriction Analysis	Conforms to reference		Pass	
Label   Correct and white   Pass     Sequencing   Correct   Pass     Comments   -   -     Restriction Digestion Map     Marker   1   2   M   Description of Map     Lane 1: Plasmid DNA   Lane 1: Plasmid digested by Xhol-Xbal (2,267 bp+ 943 bp in theory)   Lane M: DNA Marker	Bioburden assay	No growth on agar plat	te after 24 hours	N/A	
Sequencing   Correct   Pass     Comments   -   -     Restriction Digestion Map   -     Marker   1   2   M   Description of Map     bp   1   2   M   Description of Map     Lane 1: Plasmid DNA   Lane 2: Plasmid digested by Xhol-Xbal (2,267 bp+ 943 bp in theory)   Lane M: DNA Marker	Endotoxin Test	Verified, (Endo-Free Pr	Verified, (Endo-Free Preps Only)		
Comments   -     Restriction Digestion Map     Marker   1   2   M   Description of Map     be   -   -   -     1   2   M   Description of Map     Lane 1: Plasmid DNA   Lane 2: Plasmid digested by Xhol-Xbal   (2,267 bp+ 943 bp in theory)     1000   -   -   Lane M: DNA Marker	Label	Correct and white Pass			
Restriction Digestion Map     Marker   1   2   M   Description of Map     Image: Stress of the stre	Sequencing	Correct Pass			
Marker 1 2 M Description of Map   P Image: Constraint of the state	Comments			-	
bp     Lane 1: Plasmid DNA       12000     8000       8000     5000       4000     2000       1500     1000       1000     750		Restriction Di	gestion Map		
Lane 1: Plasmid DNA Lane 2: Plasmid digested by Xhol-Xbal (2,267 bp+ 943 bp in theory) Lane M: DNA Marker	Marker	1 2 M De	scription of Ma	p	
Lane 2: Plasmid digested by Xhol-Xbal (2,267 bp+ 943 bp in theory) 1500 1000 750 Lane M: DNA Marker	= 12000 8000	Lan	<b>e 1</b> : Plasmid DNA		
Lane M: DNA Marker	5000	the sublicity of the second second second			
Lane M: DNA Marker	2500	(2,2	67 bp+ 943 bp in the	eory)	
<b>—</b> 500	- 1500 - 1000 - 750	Lan	<b>e M</b> : DNA Marker		

