

Quantity100ugResistanceAmpicillinQC ResultsTest ItemsSpecificationsResultsAppearanceClear, no visible particlesPassConcentrationOn request, default 1ug/UlPassA260/2801.8 - 2.0PassA260/230>2.0PassSupercoiled contentNo requestN/AResidual RNANot visible upon electrophoresisPassGenomic DNANot visible upon electrophoresisPassBioburden assayNo growth on agar plate after 24 hoursN/AEndotoxin TestVerified, (Endo-Free Preps Only)N/ALabelCorrect and whitePass	Gene Name	pEE12.4 vector	Catalog No.	V012681
QC Results         Test Items       Specifications       Results         Appearance       Clear, no visible particles       Pass         Concentration       On request, default lug/Ul       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       -       -         1       2       M       Iane1:Plasmid DNA         Iane2:Plasmid digested by HindIII-BamHI       Lane M: DNA Marker         Isooo       1000       750       1000	Project/Lot No.	G0258991-1/E50877	Size	7,569 bp
Test Items       Specifications       Results         Appearance       Clear, no visible particles       Pass         Concentration       On request, default lug/UI       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         Label       Correct and white       Pass         Sequencing       Correct       Pass         Comments       -       -         1       2       M       Lane1:Plasmid DNA         Label       Socoo       Socoo       -         Socoo       Socoo       -       -         Label       Correct       Dass       -         Condo       Socoo       - <td>Quantity</td> <td>100ug</td> <td>Resistance</td> <td>Ampicillin</td>	Quantity	100ug	Resistance	Ampicillin
Appearance       Clear, no visible particles       Pass         Concentration       On request, default lug/Ul       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       Pass         Sequencing       Correct       Pass         Comments       -       -         I 2 M         Lane1:Plasmid DNA         Lane2:Plasmid digested by HindIII-BamHI         Lane M: DNA Marker         1 2 000       -         2000       -         2000       -         2000       -         2000       -         2000       -         2000       -         2000       -         2000       <		QC Res	sults	
Concentration       On request, default 1ug/UI       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         Label       Correct       Pass         Comments       -       -         Restriction Digestion Map         1       2       M         Lane1:Plasmid DNA       Lane2:Plasmid digested by HindIII-BamHI         Lane M: DNA Marker       2000         2000       2000       2000         2000       2000       2000         2000       2000       2000         2000       2000       2000         2000       2000       2000         2000       2000       2000         2000       2000       2000         2000       2000       2000         2000       2000       2000 <td>Test Items</td> <td>Specifi</td> <td>cations</td> <td>Results</td>	Test Items	Specifi	cations	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 Bioburden assay No growth on agar plate after 24 hours N/A Endotoxin Test Verified, (Endo-Free Preps Only) N/A Label Correct Pass Sequencing Correct Pass Comments Restriction Digestion Map Lane1:Plasmid DNA Lane2:Plasmid digested by HindIII-BamHI Lane M: DNA Marker	Appearance	Clear, no visible particle	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       -       -         1       2       M         Image: plate after 24 hours       MA         Label       Correct and white       Pass         Sequencing       Correct       Pass         Comments       -       -         1       2       M       Image: Plasmid DNA         Lane2:Plasmid digested by HindIII-BamHI       Lane M: DNA Marker         2000       2000       2000       2000         2000       2000       2000       1000         2000       2000       2000       2000         2000       2000       1000       200	Concentration	On request, default 1ug/	Ul	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         1       2       M         Image: plate after 24 hours       Pass         Sequencing       Correct       Pass         Comments       -       -         Image: plate after 24 hours       Pass         Comments       -       -         Image: plate after 24 hours       Pass         Comments       -       -         Image: plate after 24 hours       Pass         Comments       -       -         Image: plate after 24 hours       Pass         Image: plate after 24 hours       Pass         Image: plate after 24 hours       Pass<	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       1       2         M	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       1       2       M         Image: Display and the preparation of the	Supercoiled content	No request		N/A
Bioburden assay       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       Lane1:Plasmid DNA         1       2       M         Lane2:Plasmid digested by HindIII-BamHI       Lane M: DNA Marker         1000       -       -	Residual RNA	Not visible upon electro	phoresis	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	Genomic DNA	Not visible upon electro	phoresis	Pass
Endotoxin Test Verified, (Endo-Free Preps Only) N/A Label Correct and white Pass Sequencing Correct Pass Comments	Restriction Analysis	Conforms to reference		Pass
Label     Correct and white     Pass       Sequencing     Correct     Pass       Comments     -       Restriction Digestion Map       1     2     M       Lane1:Plasmid DNA       12000     6000       5000     5000       5000     5000       1500     1500       1000     1000       1000     750	Bioburden assay	No growth on agar plate	after 24 hours	N/A
Sequencing     Correct     Pass       Comments     -     -       Restriction Digestion Map       1     2     M       bp     Lane1:Plasmid DNA       12000     8000       6000     Good       6000     4000       3000     2500       1500     1000       1000     750	Endotoxin Test	Verified, (Endo-Free F	Preps Only)	N/A
Comments - Restriction Digestion Map	Label	Correct and white		Pass
Lane1:Plasmid DNA         1       1         1       1         1       1         1       1         1       1         1       1         1       1         1       2         M       M         Lane1:Plasmid DNA         Lane2:Plasmid digested by HindIII-BamHI         Lane M: DNA Marker         1       1000         1000         1000         1000	Sequencing	Correct		Pass
1       2       M         -       12000       B000         -       1500       Example 1000         -       1500       Example 1000         -       1000       Fiscologic         -       750       Fiscologic	Comments			-
bp       Lane1:Plasmid DNA         12000       8000         6000       5000         6000       5000         3000       2500         2000       1500         1000       750		<b>Restriction</b> Dig	gestion Map	
Lane 1: Plasmid DNA Lane 2: Plasmid digested by HindIII-BamHI Lane M: DNA Marker 1500 1000 750		1 2 M		
Lane 2:Plasmid digested by HindIII-BamHI Lane M: DNA Marker 1500 1000 750		Land	e <b>1</b> :Plasmid DNA	
Lane M: DNA Marker	<b>6000</b> <b>5000</b>		e2:Plasmid digested	by HindIII-BamHI
	2500	Lan	<b>e M</b> : DNA Marke	er
750	- 1500			
	and the second se			
	- 500			

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Certified by: Chou Fang

 Date:
 Dec/31/2022

 Valid until:
 Dec/30/2024