

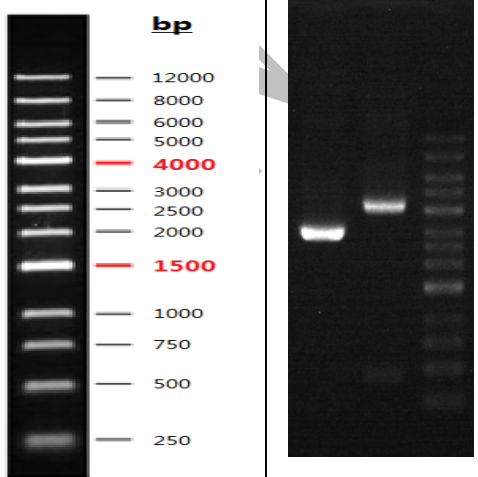
CERTIFICATE OF ANALYSIS

Gene Name	pGreen 0029 (Cat.#V010850)	Order No.	G0186139-1
Lot No.	E05501	Strain	Stb13
Quantity	100ug	Quality grade	Research Grade

QC Results

Test Items	Specifications	Results
Appearance	Clear, no visible particles	Pass
Concentration	On request, default 1ug/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	-	-

Restriction Digestion Map

	1	2	M
 <p>bp</p> <p>— 12000</p> <p>— 8000</p> <p>— 6000</p> <p>— 5000</p> <p>— 4000</p> <p>— 3000</p> <p>— 2500</p> <p>— 2000</p> <p>— 1500</p> <p>— 1000</p> <p>— 750</p> <p>— 500</p> <p>— 250</p>			
	<p>Lane1: Plasmid DNA</p> <p>Lane2: Plasmid digested by NheI-HindIII</p> <p>Lane M: DNA Marker</p>		

Certified by: Chou Fang

Date: March/01/2022