

## **Certificate of Analysis**

UElandy Inc.

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Refer to website for regional contact information.

Product Name: UE Plasmid Miniprep Kit Lot ID: 221102KA1

Catalog Number: UE-MN-P-500 Expiration Date: 11/01/2025

# **Quality Control**

#### **Spectrophotometric Analysis**

- Acceptable Range for A260/A280=1.8±0.15.
- Comparison of the Test Sample to a previously tested Standard. Acceptable range for Test Sample is ≤ ±10% of Standard, based upon spectrophotometric analysis. The "Standard" is a previously tested and validated sample.

#### **Restriction Analysis**

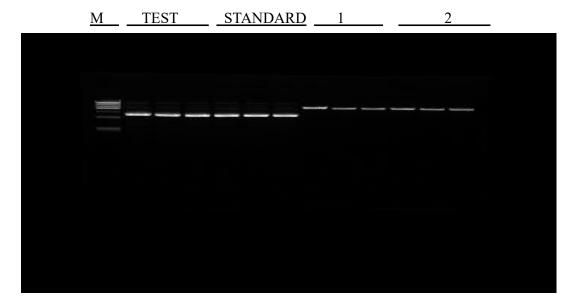
• 1µg of plasmid is digested to completion by EcoRI

### **Electrophoretic Analysis**

- Agarose gel electrophoresis of the samples exhibits a defined plasmid band with no degradation.
- Agarose gel electrophoresis of the samples exhibits no contaminating RNA.
- Agarose gel electrophoresis of the samples exhibits no contaminating bacterial genomic DNA.

### **Gel Image and Test Data**

Item	Test Date						Comple
	1	2	3	4	5	6	Sample
A260	1.2155	1.1123	1.2005	1.1005	1.1059	1.1098	1,2,3 are duplicate Test
A280	0.6328	0.5785	0.6228	0.5728	0.5770	0.5792	Samples
A260/A280	1.9209	1.9228	1.9277	1.9214	1.9164	1.9161	4,5,6 are duplicate
Yield (μg)	18.2332	16.6843	18.0081	16.5074	16.5878	16.6468	Standards
Electrophoresis		$\sqrt{}$	√	√	$\sqrt{}$	√	
No visible RNA	√	√	√	√	√	√	PASS
Endonuclease digest	√	√	√	√	√	√	
[Test Sample/Standard] Yield Difference	6.4002%						PASS



\*1 and 2 respectively represent the test and standard enzyme digestion

UElandy Inc. warrants and represents that all inspections and testing for the article described above have been performed at UElandy Inc. QC laboratory located on-site at the manufacturing plant. UElandy Inc. manufacturing facility is located at Room 302, Building 1, No.18& Chunyao Road, Xiangcheng District, Suzhou, Jiangsu Province P.R, 215143 China

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