



# Certificate of Analysis

UElandy Inc.

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Product Name:	UE DNA Gel Extraction Plus Kit	Lot ID:	230131KE1
Catalog Number:	UE-GX-PLUS-500	Expiration Date:	07-30-2024

## Quality Control

### Electrophoretic Analysis

- Comparison of the Test Sample to a previously tested Standard. Acceptable range for Test Sample is  $\leq \pm 10\%$  of Standard, based upon analysis. The “Standard” is a previously tested and validated sample.
- The recovery of DNA from agar gel is more than 65%.

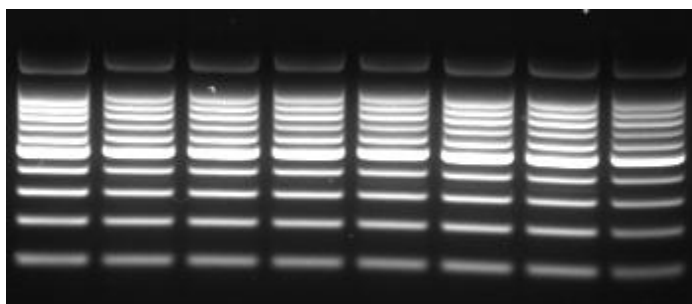
### Recovery Analysis

- The recovery of DNA from agar gel is more than 65%. Loading 8  $\mu$ l UE-GX product mixture to the 2% agar gel for electrophoresis, and also loading 3.46  $\mu$ l and 5.33  $\mu$ l 100bp Ladder for 65% and 100% as contrast to estimate the recovery of purified PCR product by visual examination.

### Gel Image and Test Data

Item	Test Date						Sample
	1	2	3	4	5	6	
Yield (%)	95	95	95	95	95	95	1,2,3 are Standards 4,5,6 are Test Samples
[Test Sample/Standard] Yield Difference	0%						PASS

100%M    STANDARD    TEST    65%M



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

(QC Inspector) **Xiao na Zhu**

(Approver) *Qin Hua-Yu*