

 ECOLI	Certificate of Analysis	Page 1
ePure Tissue DNA Extraction Kit		Date of issue 30.06.2026

Certificate of Analysis

Product Name: ePure Tissue DNA Extraction Kit

Catalogue Number: E2004

LOT Number: 235009G

Quality Control

Passed

Magnetic Beads

The Magnetic bead binding capacity was tested by whole blood or DNA virus as samples to check the difference between lots, the variation should meet our standards

Passed

Proteinase K activity

One unit is defined as the amount of enzyme that will be liberate 1 μ mol tyrosine from casein per min at 37 °C and pH 7,5

Passed

Buffers

Conductivity and pH of buffers were tested to be within the range below

Buffers	Conductivity (mS/cm)	pH	Result
Lysis buffer	17 – 25,6 (1/10 dilution)	4,5-6,2	Passed
Binding buffer	1,0 – 2,5	7,5-7,9	Passed
Wash buffer 1	80 – 120	7,0-7,5	Passed
Wash buffer A	35 – 41	7,5-8,2	Passed
Wash buffer B	35 – 41	7,5-8,2	Passed
Elute buffer	0,5-0,7	7,8-8,3	Passed

Performance

Using liver tissue sample to check the difference between lots. Analysis by spectrophotometer and agarose gel electrophoresis, the variation should below 10%

Passed

Storage conditions

ePure Tissue DNA Extraction Kit should be store at room temperature (15 – 25 °C). Storage at higher temperature should be avoided.


 Quality Assurance