

CERTIFICATE OF ANALYSIS

K0722 GeneJET Genomic DNA Purification Kit

Packaging Lot: 3426640

Expiry Date: 31.12.2028 (DD.MM.YYYY)

Storage: at 5±3°C

Note: IMPORTANT Check Individual Components for Storage Conditions

Filling lots for components in package:

Lot	Quantity	Description
3397413	5 × 1.2 mL	Proteinase K Solution, 20mg/ml
3387025	5 × 1 mL	RNase A Solution, 10 mg/ml
3374395	150 mL	Elution Buffer
3360998	120 mL	Lysis solution
3373545	40 mL	Wash Solution I (concentrated)
3407027	40 mL	Wash Solution II (concentrated)
3386473	55 mL	Digestion Solution
3400928	5 × 1 pack	GeneJET DNA Purification Colum & Collection Tubes
3404983	5 × 1 pack	Collection Tubes 2 ml

QUALITY CONTROL

Parameter	Method	Requirement	Result
Specific activity (RNase A)	One unit is the amount of the enzyme which produces an increase in soluble reaction products by an OD of 1.0 at A260 nm using yeast RNA as substrate in 15 minutes at 37 °C.	≥ 5000 U/mg	Conforms
Activity (Proteinase K)	The unit activity of a solution of Proteinase K is determined. One unit liberates 1 µmol of Folin-positive amino acids, measured as tyrosine, at 37°C, pH 7.5, using denatured bovine hemoglobin as the substrate.	Within range of predetermined specifications	Conforms
pH (Relevant kit components)	Measured using a pH meter.	Within range of predetermined specifications	Conforms
Density (Relevant kit components)	Measured using a densitometer.	Within range of predetermined specifications	Conforms
Refractive Index (Relevant kit components)	Measured using a refractometer.	Within range of predetermined specifications	Conforms
Conductivity (Relevant kit components)	Measured using a conductometer.	Within range of predetermined specifications	Conforms

ISO CERTIFICATION

Manufactured by Thermo Fisher Scientific Baltics UAB, in compliance with ISO 9001 and ISO 13485 certified quality management system.

Quality authorized by:

J. Žilinskienė

