

CERTIFICATE OF ANALYSIS

K0882 GeneJET FFPE DNA Purification Kit

Packaging Lot: 2793299

Expiry Date: 22.12.2024 (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
2774507	3 x 1 mL	RNase A Solution, 10 mg/ml
2790298	4 x 1.3 mL	Proteinase K Solution, 20mg/ml
2700285	40 mL	Elution Buffer
2700030	55 mL	Digestion Buffer
2700189	40 mL	Wash Buffer I (concentrated)
2720043	55 mL	Lysis Solution
2710105	40 mL	Wash Buffer II (concentrated)
2791833	5 x 1 pack	Collection Tubes 2 ml
2790590	5 each	GeneJET DNA Purification Column & Collection Tubes

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 QC:

J. Žilinskienė

