

## CERTIFICATE OF ANALYSIS

### **K0782 GeneJET™ Whole Blood Genomic DNA Purification Mini Kit**

**Packaging Lot:** 2806130

**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:**

<b>Lot</b>	<b>Quantity</b>	<b>Description</b>
2767398	5 x 1.2 mL	Proteinase K Solution, 20mg/ml
2792816	150 mL	Elution Buffer
91294188	40 mL	Wash Buffer WB I(concentrated)
91295632	120 mL	Lysis solution
2793717	40 mL	Wash Solution II (concentrated)
2796529	5 x 1 pack	GeneJET DNA Purification Columns & collection Tubes
2791833	5 x 1 pack	Collection Tubes 2 ml

### **QUALITY CONTROL**

<b>Parameter</b>	<b>Method</b>	<b>Requirement</b>	<b>Result</b>
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

