

CERTIFICATE OF ANALYSIS

K0882 GeneJET FFPE DNA Purification Kit

Packaging Lot: 2815175

Expiry Date: 20.02.2025 (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 |
|---------|------------|---|
| 2812519 | 4 x 1.3 mL | Proteinase K Solution, 20mg/ml |
| 2814726 | 3 x 1 mL | RNase A Solution, 10 mg/ml |
| 2809302 | 40 mL | Elution Buffer |
| 2808811 | 55 mL | Digestion Buffer |
| 2814490 | 55 mL | Lysis Solution |
| 2793285 | 40 mL | Wash Buffer I (concentrated) |
| 2807348 | 40 mL | Wash Buffer II (concentrated) |
| 2809933 | 5 x 1 pack | GeneJET DNA Purification Columns & collection Tubes |
| 2812513 | 5 x 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 QC:

J. Žilinskienė

