



eurofins

Genomics

**ISO 17025**

Accredited Analytical Competence.



**DAkkS**

Deutsche  
Akkreditierungsstelle  
D-PL-13372-01-00



## Scope.

**Technical valid results assured by ISO 17025.**

ISO 17025 defines the competence requirements for testing and calibration laboratories. The standard covers testing and calibration performed using standard methods, non-standard methods and laboratory-developed methods.

### **Demonstrate technical competence with the ISO 17025 standard**

ISO 17025 requires the company to demonstrate technical competence in a testing laboratory to generate technically valid results.

#### **Your benefits with ISO 17025 accredited testing**

- Guaranteed confidentiality and integrity of testing data
- 17025 accredited testing results are recognized by authorities, customs etc. for release of pharmaceuticals, food and feed and in the case of legal implications

The ISO 17025 standard is applied to the following Eurofins Genomics products and services:

- Custom DNA Sequencing
- Next Generation Sequencing
- Genotyping & Gene Expression
- DNA Forensics

# Key Requirements Of ISO 17025.

The key requirements of ISO 17025 are identical to ISO 9001. Nevertheless, main focus of ISO 17025 is on the accredited test and calibration method including:

- Detailed sampling procedures
- Specific handling of test and calibration equipment
- ISO 17025 compliant result reports and result reporting
- The participation in proficiency-testing programs / lab comparison tests

The compliance with ISO 17025 is secured through accreditation by a national accreditation body and independent internal audits.



# Applications.

Eurofins Genomics is committed to delivering products, services and applications that are at the highest quality. ISO 17025 is the standard that is offered when DNA analytical testing is required:

## Pharma & Diagnostics

- Pharmacogenetics & pharmacogenomics
- Assay development & validation
- Biological safety testing

## Agriculture & Food

- Plant breeding
- Farm animal breeding
- Pet breeding
- Food production & retail

## Industrial Biotechnology

- Residual host cell and pathogen DNA & RNA analysis
- GMO & genetic insert characterisation
- Basic genomic characterisation
- Metagenomic & genetic characterisation

## Research

- Research & development
- Science

## DNA Forensics

- Forensic DNA profiling
- DNA profile interpretation
- Touch DNA analysis
- Analysis of crime scene stains
- Paternity testing

# Quality Assurance.

## Quality standards meet highest demands.

Discover a wide spectrum of DNA analytical products, services and applications that are compliant with globally recognised quality management (QM) and quality assurance (QA) standards.

Eurofins Genomics' products, services and applications reach the best quality and safety levels. They are carried out under strict QM and QA systems and comply with the following standards:

- |                  |  |
|------------------|--|
| <b>ISO 9001</b>  | Globally recognised as the standard quality management certification |
| <b>ISO 17025</b> | Accredited analytical excellence                                     |
| <b>ISO 13485</b> | Oligonucleotides according to medical devices standard               |
| <b>GLP</b>       | The gold standard to conduct non-clinical safety studies             |
| <b>GCP</b>       | Pharmacogenomic services for clinical studies                        |
| <b>cGMP</b>      | Products and testing according to pharma and biotech requirements    |

# Contact Us.

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