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ICS 07.140
CCS C 06

SF

SF/T 0182-2024

Technical specification for diatom testing - Automated method based on artificial intelligence technology

硅藻检验技术规范 基于人工智能技术的自动化方法

(English Translation)

Issued on: December 30, 2024 **Implemented on: June 1, 2025**

Issued by: Ministry of Justice of the People's Republic of China

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https://chinastandards.org/standards/sf-t-0182-2024

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1 Foreword

SF/T 0182-2024 was issued by Ministry of Justice of the People's Republic of China on 30 December 2024 and has been in force since 1 June 2025.

The SF/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 7 pages in English translation.

2 Scope Preview

This standard specifies the automation method of forensic diatom inspection based on artificial intelligence technology, including method principles, instruments and equipment, and inspection steps. This document applies to the qualitative, quantitative and classification inspection of forensic corpse organ tissues, body fluids and water sample diatoms completed by artificial intelligence models.

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SF/T 0182-2024 falls under ICS 07.140, in the field of natural and applied sciences.

This catalogue holds 31 other SF/T standards in that field.

In this catalogue, SF/T standards carry edition years from 2017 to 2025.

3 About this standard

Issued by: Ministry of Justice of the People's Republic of China

English translation: about 7 pages

Chinese original: about 11,190 characters

4 Related standards

Standards on related subjects:

WS/T 655-2019 - Safety Management for Lung Ventilator

WS 310.1-2016 - Central sterile supply department(CSSD). Part 1: Management standard

SF/T 0176-2024 - Determination of S(+)-methamphetamine, R(-)-methamphetamine, S(+)-amphetamine, and R(-)-amphetamine in urine and hair by liquid chromatography-mass spectrometry

SF/T 0172-2024 - Determination of koumine, gelsemine, and gelsenicine in biological samples by liquid chromatography-mass spectrometry

SF/T 0175-2024 - Determination of 238 poisons (drugs) in blood and urine by liquid chromatography-mass spectrometry

5 Classification and status

International classification (ICS): 07.140

Chinese Standard Classification (CCS): C 06

Prefix SF/T: recommended standard.

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