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ICS 07.140
CCS C 06

SF

SF/T 0175-2024

Determination of 238 poisons (drugs) in blood and urine by liquid chromatography-mass spectrometry

血液和尿液中238种毒（药）物的液相色谱-质谱检验方法

(English Translation)

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

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

Preview: page 1 of 3 shown, 13 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sf-t-0175-2024

Table of Contents

[Preview only]
1 Scope
2 Normative References
2.1 Terms
3 Terms and Definitions
4 Overview
4.1 General requirements
5 Technical Requirements
6 Calibration conditions
6.1 Environmental conditions
6.2 Measurement standards and other equipment
7 Calibration items and calibration methods
7.1 Calibration Items
7.2 Calibration method
8 Expression of calibration results
9 Recalibration interval

1 Foreword

SF/T 0175-2024 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 13 pages in English translation.

2 Scope Preview

This standard specifies the liquid chromatography-tandem mass spectrometry test methods for 238 kinds of poisons (drugs) in blood and urine, including principles, reagents, instruments and equipment, qualitative analysis, quantitative analysis and evaluation of analysis results, including opioids, amphetamines, marijuana and other abuse substances, organophosphorus and carbamate pesticides, sedatives, hypnotic, antipsychotic, anti-epileptic, antiasthmatic, antipyretic and analgesic. This document applies to the

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https://chinastandards.org/standards/sf-t-0175-2024

qualitative and quantitative analysis of 238 kinds of poisons (drugs) in blood and urine, including opioids, amphetamines, marijuana and other abuse substances, organophosphorus and carbamate pesticides, sedatives, hypnotic, antipsychotic, anti-epileptic, antiasthmatic, antipyretic and analgesic.

SF/T 0175-2024 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 13 pages

Chinese original: about 19,117 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 0167-2024 - Detection of 239 synthetic cannabinoids and their metabolites in blood and urine by liquid chromatography-high-resolution 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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