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ICS 07.140
CCS C 06

SF

SF/T 0169-2024

Determination of 11 illicit drugs and metabolites in blood by liquid chromatography-mass spectrometry

血液中11种毒品及代谢物的液相色谱-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

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1 Foreword

SF/T 0169-2024 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 liquid chromatography-tandem mass spectrometry test method for O6-monoacetylmorphine, morphine, methamphetamine, amphetamine, 3,4-methylenedioxymethamphetamine (MDMA), 3,4-methylenedioxyamphetamine (MDA), cocaine, benzoylecgonine, ketamine, methcathinone and 9-tetrahydrocannabinol in blood, including principles, reagents, instruments and equipment, qualitative analysis, quantitative analysis and evaluation of analysis results. This document is applicable to the qualitative

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and quantitative analysis of O6-monoacetylmorphine, morphine, methamphetamine, amphetamine, MDMA, MDA, cocaine, benzoylecgonine, ketamine, methcathinone and 9-tetrahydrocannabinol in blood.

SF/T 0169-2024 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 11,160 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 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

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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