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ICS 07.140
CCS C 06

SF

SF/T 0171-2024

Qualitative and quantitative determination of aconitine, mesaconitine, and hypaconitine in biological samples by liquid chromatography-mass spectrometry

生物检材中乌头碱、新乌头碱和次乌头碱的液相色谱-质谱定性定量检验方法

(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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https://chinastandards.org/standards/sf-t-0171-2024

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1 Foreword

SF/T 0171-2024 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 aconitine, metaconitine and mesaconitine in biological samples (blood, urine and tissues, etc.), including principles, reagents, instruments and equipment, qualitative analysis, quantitative analysis and evaluation of analysis results. This document applies to the qualitative and quantitative analysis of aconitine, metaconitine and mesaconitine in biological samples (blood, urine and tissues, etc.).

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SF/T 0171-2024 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 11,185 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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