

ICS 07.140
CCS A 92

GA

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GA/T 2127-2024

**Forensic sciences-Examination methods for 5 fentanyl analogs
and metabolites including fentanyl in water samples - LC-MS**

法庭科学水样中芬太尼等5种芬太尼类物质及代谢物检验 液相色谱-质谱法

(English Translation)

Issued on: January 30, 2024

Implemented on: March 1, 2024

Issued by: Ministry of Public Security

Table of Contents

What this standard covers	1
Document data	2

What this standard covers

This standard specifies the liquid chromatography-mass spectrometry (LC-MS) test method for fentanyl, desphenethylfentanyl, acetylfentanyl, desphenethylacetylfentanyl and 4-anilino-N-phenethylpiperidine in water samples (sewage, surface water, etc.) in the field of forensic science. This standard is applicable to the qualitative and quantitative analysis of 5 fentanyl-like substances and metabolites (hereinafter referred to as "5 target substances") in water samples (sewage, surface water, etc.) in the field of forensic science. Other test materials can be used for reference.

Document data

International classification (ICS): 07.140.

Chinese classification (CCS): A92.

Estimated length of the Chinese original: 17,192 words.