

ICS 13.310
CCS A 92

GA

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

GA/T 1586-2019

**Forensic sciences - Criteria for collecting urine samples of
suspected drug users**

法庭科学 涉嫌吸毒人员尿液采集操作规范
(English Translation)

Issued on: January 1, 1970

Implemented on: November 1, 2019

Issued by: Ministry of Public Security

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

Please note that some elements of this document may involve patents. The issuer of this document is not responsible for identifying these patents.

This standard is proposed by the Material Identification Center of the Ministry of Public Security.

This standard is under the jurisdiction of the Poison Analysis Sub-Committee of the National Criminal Technical Standardization Technical Committee (SAC/TC 179/SC 1).

This standard was drafted. Material Evidence Appraisal Center of the Ministry of Public Security, Material Evidence Appraisal Center of Shanghai Public Security Bureau.

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Forensic Science Code of Practice for Urine Collection of Suspected Drug Abusers

1 Scope

This standard specifies the operating practices of urine collection for suspected drug addicts in forensic science.

This standard is applicable to the collection of urine of suspected drug addicts during scientific drug use cases in court and on-site investigations.

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version applies to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GA/T 122 Toxicology Glossary

3 Terms and definitions

The terms and definitions defined in GA/T 122 apply to this document.

4 Collection of urine samples

4.1

The urine collection unit shall formulate relevant measures to ensure the correctness of the collection of urine samples and the safety of storage.

4.2

While the urine collection unit shall ensure the correct and safe collection of urine, it shall respect and take into account the privacy of the person being collected.

4.3

The urine collection unit shall set up a urine collection chamber for urine collection.

4.4

The urine collection unit shall formulate and complete a urine collection supervision record form for persons suspected of taking drugs. Each urine collection supervision record form should have Numbered, the items recorded in the table should include at least the name of the urine collection unit, the name of the collection personnel, and the personal information of the collected personnel (surname Name, ID number, etc.), collection time, collection location, urine sample number (consistent with the number of the regulatory record form), and important special Signs (such as abnormal urine temperature or abnormal color) and the time, purpose, time, purpose, Dosage and personnel information. Refer to Appendix A for the record table format.

4.5

When a urine collection unit collects a urine sample, it shall take appropriate precautions to prevent the urine sample from being faked, diluted or exchanged.

The following items can be selected and used according to actual conditions during urine collection.

- a) The collected personnel mine urine according to sex;
- b) When the collected person arrives in the urine collection room, the collected person shall identify the identity of the collected person;
- c) Before collecting urine, the collection staff should ask the collection staff to take off any clothing that may contain fake materials such as coats, coats, etc.

People's suitcases, leather bags and other items are placed with the coat in a specially guarded room outside the urine collection room;

- d) The collected personnel should wash their hands and dry before collecting urine;
- e) The collected personnel should stay with the collected personnel after washing their hands, and should not come into contact with other substances that can be used for false leave;
- f) In order to prevent the collected personnel from diluting urine samples with water in the urine collection room, all water sources of the urine collection room should be closed beforehand;
- g) The collected person randomly selects a set of two urine collection bottles (bottle A and B) from a number of urine storage bags. For the requirements of sampling bottles, see Appendix B) urine storage bag, and check whether the packaging is normal;
- h) Urine samples should be collected in one of the urine collection bottles. Urine samples that are positive after the on-site initial screening test, apply A, B Two urine collection bottles are stored separately, and the volume of each urine sample should be at least 15mL;
- i) If an emergency urine collection room cannot be found in an emergency but must be sampled immediately, the following steps can be taken.

The collection personnel can be accompanied by 2 same-sex collection personnel to the public toilet to collect urine.

In the toilet;

- j) After receiving the urine sample, the collector should first check whether the total amount of urine collected has reached 30mL. If the amount of urine collected is less than 30mL, it should be collected separately and combined with the urine collected for the first time to finally reach at least 30mL. To achieve the required urine collection Volume, the urine collection unit can provide about 250mL of drinking water every 30min to promote collection of urine, but the drinking water provided the total amount is limited to 750mL. During the second urine collection, the urine collected for the first time should be collected by the collected personnel and the collected personnel at the same time Fluid seal, only when it is ready to supply urine again, can it be opened and combined;
- k) After the urine sample is handed over to the collecting staff, the collected staff may wash their hands;
- l) After collecting the urine sample, the collecting staff should immediately check the temperature, color, and presence of suspended matter in the urine sample.

When any abnormal phenomenon exists, such as abnormal urine temperature or color, it should be recorded in the important features of the urine collection supervision record form.

Special signs

m) If necessary, immediately measure whether the temperature, specific gravity and pH of the urine sample with obvious abnormal signs are within the range of reasonable biochemical indicators.

Within. Among them, the urine temperature measurement should be performed within 4min after the urine collection, and the temperature, specific gravity and pH measurement used the equipment should have a certificate of conformity or be calibrated by the metrology department, which can correctly reflect the relevant values of the sample and must not contaminate the sample;

n) There should be a higher level of management personnel to review the urine samples that are likely to be fake at the scene, and sign to decide whether to allow the collected person as soon as possible Collect a second urine sample under the supervision of the collector;

o) If the collected urine temperature exceeds the normal range of 32 ° C to 38 ° C, or the specific gravity is less than 1.010, or the pH value is not between 5 and 7, that is, There may be false leave. At this time, the collected personnel should recollect as soon as possible at the same location under the supervision of the collecting personnel. Two batches of urine samples Products should be submitted for inspection at the same time. If the urine temperature of the collected person exceeds the normal range, and the collected person persists, the collection person at his request, the mouth temperature can be measured to confirm the urine temperature;

p) Any suspicious and fake urine samples should be submitted for inspection;

q) Collectors should put an identification mark on the outside of the urine sample package that records the date of urine collection, the sample number and other required information;

r) The personal information in the urine collection supervision record form should be completed or signed by the person being collected;

s) the collector should record all information about the urine sample on the urine collection supervision record sheet;

t) The collected personnel shall confirm the authenticity of the items recorded on the urine collection supervision record form;

u) Before sealing, the urine sample should be kept in the line of sight of the person being collected and the person collecting it. If necessary, move to another collection bottle.

Or when it is divided into two bottles, it should also be performed in the presence of the collected personnel and the collection personnel;

v) If the urine collection is completed and the on-site initial screening test result is positive, the collection staff shall confirm with the collected staff that the urine sample is correct,