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

GA/T 1554-2019

**Forensic sciences - Technical specifications for preservation of
examined materials as electronic evidence**

法庭科学 电子物证检验材料保存技术规范

(English Translation)

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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 was proposed by the National Criminal Technical Standardization Technical Committee Electronic Material Evidence Inspection Sub-Technical Committee (SAC/TC179/SC7).

This standard is under the jurisdiction of the National Criminal Technology Standardization Technical Committee (SAC/TC179).

This standard was drafted. Tianjin Public Security Bureau Material Evidence Identification Center, Shandong Provincial Public Security Department Material Evidence Identification Center, Anhui Provincial Public Security Department Material evidence appraisal management office, material evidence appraisal center of the Ministry of Public Security.

1 Scope

This standard specifies the technical specifications for the storage of electronic physical evidence laboratory inspection materials.

This standard applies to electronic physical evidence inspection in the field of forensic science.

2 Normative references

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

GB 50174-2017 data center design specifications

3 Terms and definitions

Electronic equipment Equipment consisting of electronic components such as integrated circuits, transistors, tubes, and the application of electronic technology (including) software, Including electronic computers and robots, numerical control or program control systems controlled by electronic computers.

Mobile device

A small handheld device with a display screen and touch input or a small keyboard can provide users with communication functions.

Storage medium

Carrier for storing data.

4.1 Electronic equipment

Computers, mobile devices, digital devices, (embedded hard disk) video recorders, printers, etc.

4.2 Storage media

Hard disk, mobile hard disk, U disk, memory card, memory chip, optical disk, etc.

5 Save the environment

5.1

Temperature, humidity, air conditioning, electrical technology, fire protection and safety shall meet the technical requirements of Class C data centers in GB 50174-2017 begging.

5.2

It shall have communication and wireless network signal shielding functions.

6 Preservation principles

6.1

The laboratory shall set a dedicated storage area.

6.2

The preservation work shall be performed by a special person.

6.3

Preservation of inspection materials shall include its name, quantity, serial number (identification code), nominal capacity, necessary data cables and power cables, etc.

Verify and register.

6.4

Store the inspection materials in a dedicated storage area, record the inspection material number, storage location, storage time, and sign it.

6.5

When the inspection materials are transferred, the unique number of the inspection materials, the time of transfer, and the signature should be confirmed.

7 Supplementary Provisions

7.1

The storage of mobile equipment should be kept off if it is off; if it is on, it should be kept in flight Mode or you can remove the SIM card and make sure the battery is fully charged.

7.2

Mobile devices should be stored in a shielded environment for communication and wireless network signals.

7.3

The storage medium shall be stored in a way that is not squeezed, waterproofed, antistatic, antimagnetic, and shockproof.