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

GB/T 27534.5-2025

Replacing GB/T 27534.5-2011

**Technical specification for animal genetic resource survey -
Part 5: Goat**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1. Structure and drafting rules for standardization documents"

Drafting.

GB/T 27534 "Technical Specifications for Investigation of Livestock and Poultry Genetic Resources" and GB/T 45550 "Technical Specifications for Investigation of Bee Genetic Resources",

GB/T 45552 "Technical Specifications for Investigation of Silkworm Genetic Resources" and GB/T 45553 "Technical Specifications for Investigation of Tussah Genetic Resources" jointly form the support

The basis for the investigation of genetic resources of livestock, poultry, bees and silkworms.

This document is part 5 of GB/T 27534 Technical Specifications for Livestock and Poultry Genetic Resources Survey. GB/T 27534 has been published as follows

part.

--- Part 1. General;

--- Part 2. Pigs;

--- Part 3. Cattle;

--- Part 4. Sheep;

- Part 5.Goats;
- Part 6.Horses and donkeys;
- Part 7.Camels and alpacas;
- Part 8.Rabbit;
- Part 9.Poultry;
- Part 10.Deer;
- Part 11.Mink, fox and raccoon dog.

This document replaces GB/T 27534.5-2011 "Technical Specifications for Livestock and Poultry Genetic Resources Survey Part 5.Goats" and is consistent with GB/T

Compared with 27534.5-2011, in addition to structural adjustments and editorial modifications, the main technical changes are as follows.

- a) The scope of application has been changed (see Chapter 1, Chapter 1 of the.2011 edition);
- b) Added investigation contents on body shape, appearance and production performance (see 6.2 and 6.3);
- c) The number of surveys has been changed (see Chapter 7, 4.2.1 and 4.3.3 of the.2011 edition);
- d) Added survey methods (see Chapter 7);
- e) Records and archives management has been modified (see Chapter 8, Chapter 6 of the.2011 edition);
- f) The Goat Genetic Resources Survey Table (see Appendix B, Appendix A of the.2011 edition) has been modified.

Introduction

Livestock and poultry genetic resources are important strategic resources for maintaining national ecological security and agricultural security, and are the material basis for the high-quality development of animal husbandry.

Conducting livestock and poultry genetic resource surveys is a statutory duty stipulated in the Animal Husbandry Law of the People's Republic of China and is an important task in approving new livestock and poultry breeds (supporting lines) and identifying

The basic requirements for identifying new genetic resources, formulating livestock and poultry genetic resource protection and utilization plans and livestock and poultry genetic resource protection lists, and engaging in breeding livestock and poultry production and

management, etc.

GB/T 27534 "Technical Specifications for Livestock and Poultry Genetic Resources Survey" aims to standardize and guide the investigation of livestock and poultry genetic resources.

A part composition.

--- Part 1.General Principles. The purpose is to provide general survey rules for livestock and poultry genetic resources surveys.

--- Part 2.Pig. The purpose is to standardize the survey content and methods of pig genetic resources.

--- Part 3.Cattle. The purpose is to standardize the survey content and methods of cattle genetic resources.

--- Part 4.Sheep. The purpose is to standardize the survey content and methods of sheep genetic resources.

--- Part 5.Goats. The purpose is to standardize the survey content and methods of goat genetic resources.

--- Part 6.Horses and donkeys. The purpose is to standardize the survey content and methods of horse and donkey genetic resources.

--- Part 7.Camels and alpacas. The purpose is to standardize the survey content and methods of camel and alpaca genetic resources.

--- Part 8.Rabbit. The purpose is to standardize the survey content and methods of rabbit genetic resources.

--- Part 9.Poultry. The purpose is to standardize the survey content and methods of poultry genetic resources.

--- Part 10.Deer. The purpose is to standardize the survey content and methods of deer genetic resources.

--- Part 11.Mink, fox and raccoon dog. The purpose is to standardize the survey content and methods of mink, fox and raccoon dog genetic resources.

Technical Specifications for Livestock and Poultry Genetic Resources Survey

Part 5.Goats

1 Scope

This document specifies the objects, methods, contents, and record and archive management requirements of goat genetic resources survey, and describes the survey methods.

This document is applicable to goat genetic resources survey.

2 Normative references

The contents of the following documents constitute essential clauses of the document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to

This document.

GB 18267 Cashmere

GB/T 27534.1 Technical Specifications for Livestock and Poultry Genetic Resources Survey Part 1.General Principles

GB/T 32134 Wool color determination method

NY/T 1180 Determination of meat tenderness - Shear force method

NY/T 1236 Technical specification for determination of production performance of breeding sheep

3 Terms and definitions

There are no terms or definitions that require definition in this document.

4 Survey subjects

This shall be carried out in accordance with the provisions of GB/T 27534.1.

5 Survey Methods

This shall be carried out in accordance with the provisions of GB/T 27534.1.

6.1 Overview of Genetic Resources

This shall be carried out in accordance with the provisions of GB/T 27534.1.

6.2 Body shape and appearance

It should include coat color, skin color, head shape, ear shape, horn shape, nose, neck, body, limbs, hoof color, tail shape, testicular development in males and milk in females.

Room development.