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

GB/T 27534.7-2025

Replacing GB/T 27534.7-2011

**Technical specification for animal genetic resource survey -
Part 7: Camel and alpaca**

畜禽遗传资源调查技术规范 第7部分：骆驼、羊驼

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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 7 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 27534.7-2011 "Technical Specifications for Survey of Livestock and Poultry Genetic Resources Part 7: Camel" and GB/T 27534.7- Compared with 2011, in addition to structural adjustments and editorial modifications, the main technical changes are as follows.

- a) Changed the scope (see Chapter 1);
- b) The relevant indicators of body size and weight have been changed (see 6.3.1, 4.3.1 of the 2011 edition);
- c) Added growth and development survey content (see 6.3.2);
- d) Slaughter performance has been changed (see 6.3.3, 4.3.2 of the 2011 edition);
- e) Added the investigation contents of milk production performance and gross product performance (see 6.3.4 and 6.3.5);
- f) The reproductive performance has been changed (see 6.3.6, 4.3.3 of the 2011 edition);
- g) Added sports performance survey content (see 6.3.7);
- h) Added survey methods (see Chapter 7);
- i) The sample size required for each survey content indicator has been changed (see 7.2.1, 7.3.1, 7.4.1, 7.5.1, 7.6.1, 7.7.1 and 7.8.1, 2011 4.2.1 of the 2011 edition);
- j) The technical specifications for the investigation of genetic resources of camels and alpacas have been changed (see Appendix A, Appendix A of the 2011 edition);

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by the Ministry of Agriculture and Rural Affairs of the People's Republic of China.

This document is under the jurisdiction of the National Technical Committee on Animal Husbandry Standardization (SAC/TC274).

This document was drafted by: National Animal Husbandry Station, Inner Mongolia Agricultural University, Inner Mongolia Autonomous Region Agricultural and Animal Husbandry Technology Extension Center, Qinghai Provincial Animal Husbandry and Poultry Center for Conservation and Utilization of Genetic Resources.

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The previous versions of this document and the documents it replaces are as follows.

- First published in 2011 as 27534.7-2011;
- This is the first revision.

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. It consists of eleven parts.

- 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 7: Camels and alpacas

1 Scope

This document specifies the objects, methods, contents, and record and archive management requirements of camel and alpaca genetic resources surveys. method.

This document is applicable to the genetic resource survey of camels and alpacas.

2 Normative references

GB/T 10685

GB/T 21030

GB/T 21977

GB/T 27534.1

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.