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

GB/T 19113-2022

Replacing GB/T 19113-2003

**Classification of fresh silkworm cocoon - Method of cocoon
layer weight**

桑蚕鲜茧分级 茧层量法

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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 of Standardization Documents" drafted. This document replaces GB/T 19113-2003 "Grading of Silkworm Fresh Cocoons (Dry Shell Quantity Method)". Compared with GB/T 19113-2003, except for structural adjustment In addition to the adjustment and editorial changes, the main technical changes are as follows:

- Changed the scope of application (see Chapter 1, Chapter 1 of the.2003 edition);
- Changed the terms and definitions, adding the corresponding terms and definitions (see Chapter 3, Chapter 3 of the.2003 edition);
- Changed the basic index classification (see 4.2, 4.1 of the.2003 edition);
- Changed the evenness index and reduced the level (see 4.3.2, 7.2.2 of the.2003 edition);
- Changed the index of fresh cocoon boarding rate and reduced the level (see 4.3.3, 7.2.3 of the.2003 edition);
- Changed the sampling regulations (see Chapter 5, Chapter 5 of the.2003 edition);
- Increased the inspection process (see Chapter 6);
- Added the re-inspection process (see 7.3);
- Increased packaging, storage, transportation and marking (see Chapter 8);

1 Scope

GB/T 19113-2022 is the Chinese national standard on classification of fresh silkworm cocoon - method of cocoon layer weight, in the field of textile and leather technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes

binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 14 October 2022 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 May 2023. Classification: ICS 59.060.10, CCS W40. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the terms and definitions, quality requirements, sampling, inspection procedures, inspection methods, packaging, storage, transportation and logo etc. This document is applicable to the process of production, processing, trading, storage, etc., using indicators such as dry shell volume, fresh cocoon layer volume, fresh cocoon layer rate, and total cocoon volume. The fresh cocoons of silkworms that have undergone quality inspection and graded evaluation. Silkworm natural colored cocoons are used for reference.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document.

GB/T 9111 Test method for dried silkworm cocoons

GB/T 9176 Silkworm dried cocoon

GB/T 9995 Determination of moisture content and moisture regain of textile materials by oven drying method

GB/T 15268 Fresh silkworm cocoons

3 Terms and Definitions

The terms and definitions defined in GB/T 9111, GB/T 9176 and GB/T 15268 and the following terms and definitions apply to this document.

3.1 Fresh silkworm cocoon Silkworm cocoons that have not been subjected to pupa-killing and drying treatment without heat treatment.

3.2 The cocoon layer of 50 g silkworm fresh cocoon-like cocoon (light cocoon) was dried to the mass after drying to anhydrous and constant weight.

3.3 The quality of the cocoon layer of 50g silkworm fresh cocoon-like cocoon (light cocoon).

3.4 The percentage of the cocoon layer mass of 50g silkworm fresh cocoon-like cocoon

(light cocoon) to the sample mass.

3.5 The quality of 100 fresh silkworm cocoons (light cocoons).

3.6 Based on the test results of dry shell amount, fresh cocoon layer amount, fresh cocoon layer rate and total cocoon amount, the quality of silkworm fresh cocoon was comprehensively judged after correction.

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