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

GB/T 13833-2022

Replacing GB/T 13833-2002

Fiber flax - Flax stalk and dew-retting flax stalk

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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions

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 13833-2002 "Flax stems for fiber" and GB/T 13834-2008 "Flax stems for fiber", Compared with GB/T 13833-2002 and GB/T 13834-2008, in addition to structural adjustment and editorial changes, the main technical changes are as follows:

- a) Changed the content of "Scope" (see Chapter 1, Chapter 1 of GB/T 13833-2002, GB/T 13834-2008);
- b) Changed the content of "Terms and Definitions", added "Flax raw stem", deleted "Flax growth rate", rearranged the order (see Chapter 3, GB/T 13833-2002, Chapter 3 of GB/T 13834-2008);
- c) Changed the name, content and order of "requirements"; deleted the "standard color rate" index requirement of the fifth grade for flax primary stems, and changed the "resurrection" "Rate" and "sloppy"; the dry stems of flax rain and dew have been revised to the first-class "fineness", the technical index of "general hemp rate" has been improved, and the "long hemp rate" has been deleted. (See Chapter 4, Chapter 4 of GB/T 13833-2002, GB/T 13834-2008);
- d) "Sampling" is added, and the relevant content in the document is refined and listed separately (see Chapter 5, GB/T 13833-2002, Chapter 5 of GB/T 13834-2008);
- e) Changed the test method, changed the "color" inspection, refined the sloppy test method, and changed the sloppy calculation formula (see Chapter 6, Chapter 5 of GB/T 13833-2002, GB/T 13834-2008);
- f) Changed the inspection rules (see Chapter 7, Chapter 6 of GB/T 13833-2002, GB/T 13834-2008);
- g) Changed the physical standard (see Chapter 8, Chapter 7 of GB/T 13833-2002, GB/T 13834-2008);

h) Changed transportation and storage (see Chapter 9, Chapter 8 of GB/T 13833-2002). Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents. This document is proposed and managed by the National Fiber Standardization Technical Committee (SAC/TC513). This document was drafted by: Heilongjiang Fiber Quality Monitoring Center, Daqing Branch of Heilongjiang Academy of Sciences, Heilongjiang Academy of Agricultural Sciences, Harbin University, Heilongjiang Provincial Institute of Quality Supervision and Inspection, Harbin City Product Quality Comprehensive Inspection and Testing Center. The main drafters of this document. Wang Jianjun, Han Li, Sun Yufeng, Wang Guijiang, Mo Yanli, Liu Yufeng, Liu Wei, Suning, Guo Xiaoyan, Zhang Minhang, Ma Dongmei, Li Jinliang, and Fu Qiudong. The previous versions of this document and its superseded documents are as follows:

--- First published in.1992 as GB/T 13833-1992, first revised in.2002;

--- This is the second revision, which incorporates the content of GB/T 13834-2008 "Flax Dried Stems for Fiber" (GB/T 13834- The previous versions released in.2008 are. GB/T 13834-1992). Flax raw stems and dew stems for fiber

1 Scope

GB/T 13833-2022 is the Chinese national standard on fiber flax - flax stalk and dew-retting flax stalk, 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 W30. 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, requirements, sampling, test methods, inspection rules, physical standards of flax raw stems and dry stems for fiber standardization, transportation and storage. This document applies to raw flax stems and dew stems for fiber use.

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 8170 Numerical Rounding Rules and Representation and Judgment of Limit Values

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

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 flax primary stem flaxstalk Flax that has been air-dried and threshed after harvest.

NOTE. Include flax stems and taproots.

3.2 dew-retting flaxstalk After harvesting, the flax is retted by rain and dew, and then air-dried. NOTE. Include flax stems and taproots.

3.3 normal stem normal flaxstalk Flax stems that are sown and harvested at the right time.

3.4 abnormal flaxstalk Unsuitable planting, harvesting, and flax primary stems with bast or xylem damaged due to natural disasters or improper agricultural techniques.

3.5 Stem under-retting flaxstalk Insufficient degumming and dry flax stems that do not meet the technical requirements of rain retting.

3.6 Technological length On flax stems, the distance from the cotyledon scar to the beginning of the first branch.