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

GB/T 15681-2022

Flaxseed

亚麻籽

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Foreword

This document was issued on 30 December 2022 by the State Administration for Market Regulation; Standardization Administration of the PRC and takes effect on 1 July 2023.

It is a GB/T standard: recommended rather than compulsory, but it is the text a Chinese reviewer applies when assessing a submission.

1 Scope

GB/T 15681-2022 covers flaxseed as a traded commodity - the seed of the flax plant, defined in the terms clause, and the framework under which a lot of it is graded, checked, labelled and moved. Quality requirements and the inspection methods used to verify them occupy clauses 4 and 5; the inspection rules in clause 6 take their general procedure from GB/T 5490 and define how an inspection batch is constituted, which is what decides whether a sample result can be attributed to the consignment standing in front of the buyer. Labelling requires the product name, the grade, the place of origin, the harvest year and the country of production to appear on the packaging or in the accompanying documents - facts that a contract turns on and that no laboratory test can recover once the lot has been blended. Packaging must be clean, firm and undamaged, tightly sealed and strong, free of leakage, and must not carry contamination or an abnormal odour into the product; storage and transport are treated in the same clause. Written for flaxseed growers and traders, oil crushers and food processors buying seed, grain inspection laboratories, and anyone drafting a purchase specification or an acceptance protocol for an incoming lot.

This document defines the relevant terms of flaxseed, specifies the quality requirements,

inspection rules, labeling and marking, packaging, storage and transportation, etc., and describes the inspection methods.

This document is applicable to the acquisition, storage, transportation, trade and processing of flaxseed.

2 Normative References

The contents of the following documents constitute indispensable clauses of this document through the normative references in the text. In terms of references with a specified date, only

versions with a specified date are applicable to this document. In terms of references without a

specified date, the latest version (including all the modifications) is applicable to this document.

GB 5009.3 National Food Safety Standard - Determination of Moisture in Foods

GB/T 5490 Inspection of Grain and Oils - General Rules

GB/T 5491 Inspection of Grain and Oilseeds - Methods for Sampling and Sample Reduction

GB/T 5492 Inspection of Grain and Oils - Identification of Color, Odor and Taste of Grain and

Oilseeds

GB/T 5494 Inspection of Grain and Oils - Determination of Foreign Matter and Unsound Kernels of Grain and Oilseeds

GB/T 8946 General Technical Requirements of Plastic Woven Sack

GB/T 14488.1 Oilseeds - Determination of Oil Content

GB/T 24904 Gunny Bags for Packing of Grain

3 Terms and Definitions

The following terms and definitions are applicable to this document.

3.1 flaxseed

Flaxseed refers to the seed of the flax plant.

6 Inspection Rules

6.1 General Inspection Rules

Comply with GB/T 5490.

6.2 Inspection Batch

Flaxseeds of the same category, place of origin, harvest year, transport unit and storage unit

constitute one batch.

6.3 Grading Rules

The grading index shall comply with the corresponding grade requirements in Table 1, and the

other indexes shall be implemented in accordance with the relevant national regulations.

When

the grading index fails to satisfy the requirements, it shall be downgraded to the inferior grade;

if the grading index reaches the third grade, but other indicators do not comply with the requirements, it shall be determined as sub-standard.

7 Labeling and Marking

The product name, grade, place of origin, harvest year and country of production shall be marked on the packaging or accompanying documents.

8 Packaging, Storage and Transportation

8.1 Packaging

The packaging shall be clean, firm and undamaged, tightly sealed and strong, and there shall

be no leakage; it shall not bring contamination or abnormal odor to the product. When packed

in gunny bags, it shall comply with the stipulations of GB/T 24904; when packed in plastic woven bags, it shall comply with the stipulations of GB/T 8946; or packed in accordance with

the user's requirements.

8.2 Storage

It shall be stored in a clean, dry, rain-roof, moisture-proof, insect-proof, rodent-proof and odor-

free warehouse, and shall not be mixed with toxic and harmful substances that may contaminate

the flaxseeds or substances with a relatively high moisture content.

8.3 Transportation

The means of transportation shall be clean, and prevent exposure to the sun, rain and moisture,

as well as contamination and label peeling off, so as to reduce transportation loss. The products

shall not be mixed with corrosive, toxic and odorous substances for transportation.

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