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

GB/T 22504.4-2024

**Inspection of grain and oils - Assistant atlas of grain sensory
inspection - Part 4: Oilseeds**

粮油检验 粮食感官检验辅助图谱 第4部分：油料

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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 is required. This document is Part 4 of GB/T 22504 "Auxiliary Atlas for Grain and Oil Inspection - Sensory Inspection of Grains". GB/T 22504 has been published. The following sections. Part

1 Scope

GB/T 22504.4-2024 is the Chinese national standard on inspection of grain and oils - assistant atlas of grain sensory inspection - part 4: oilseeds, in the field of food 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 29 September 2024 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 April 2025. Classification: ICS 67.040, CCS X04. 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 provides illustrations of auxiliary sensory inspection atlases for three oilseeds. soybean, peanut and rapeseed. This document is suitable for assisting in the sensory inspection of soybeans, peanuts and rapeseed.

2 Normative references

The contents of the following documents constitute the essential clauses of this 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. in this document. GB 1352 Soybean GB/T 1532 Peanuts GB/T 11762 Rapeseed

3 Terms and definitions

The terms and definitions defined in GB 1352, GB/T 1532, GB/T 11762 and the following apply to this document.

3.1 Assistant atlas for sensory inspection Clear pictures with text descriptions for sensory testing.

Note. Includes accompanying color illustrations and electronic versions of reference atlases.

4.1 Classification

4.1.1 According to GB 1352, soybeans are classified into yellow soybeans, green soybeans, black soybeans, other soybeans, and mixed soybeans according to the color of their skin. Soybeans are divided into green-skinned green-kernel soybeans and green-skinned yellow-kernel soybeans according to the color of their cotyledons. Black soybeans are divided into black-skinned green-kernel soybeans and black Soybean with yellow skin and kernel.

4.1.2 Classification diagram. See Figures 1 to 4.