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

GB/T 45036-2024

**Inspection of grain and oils - Technical specification for sample
information collection**

粮油检验 样品信息采集技术规范

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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. 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 State Administration of Grain and Material Reserves. This document is under the jurisdiction of the National Technical Committee on Cereals and Oils Standardization (SAC/TC270). This document was drafted by: Sichuan Grain Quality Monitoring Center, China Grain Reserves Quality Inspection Center Co., Ltd., National Grain and Material Reserves Administration Quality Center, Sichuan Well Testing Technology Co., Ltd., Inner Mongolia Autonomous Region Grain and Oil Standard Quality Monitoring Center, Anhui Grain and Oil Products Quality Supervision and Inspection Station, Sinograin Chengdu Storage Research Institute Co., Ltd., Yibin Grain and Oil Quality Monitoring Station, Sinograin (Sichuan) Quality Inspection Center Co., Ltd., Grain and Oil Central Laboratory of the Tibet Autonomous Region Grain Bureau. The main drafters of this document are. Yang Jun, Wang Zhengyou, Xu Guangchao, Zhang Fengping, Qiu Qingfeng, Liu Xiangzhao, Li Wanguang, Yang Wei, Li Yue, Jiang Tao, Yu Jiaqian, Jiang Youjun, Yuan Qiang, Huang Yu, Wang Xiaoqing, and Baima Zhuoma. Technical Specifications for Information Collection of Grain and Oil Inspection Samples

1 Scope

GB/T 45036-2024 is the Chinese technical specification for collecting sample information in grain and oil inspection. It addresses the part of the analytical chain that is usually treated as clerical and is in fact where most disputes originate: a grain sample carries a result forward only if what was sampled, from where, when, by whom, in what condition and under what identification is recorded unambiguously, and China moves grain in quantities that make the traceability of a single lot a matter of national reserve management. The standard sets the information to be collected at each stage, the identification of the lot and of the

sample, the location and the storage or transport conditions, the sampling point and method, the sampler and the time, the sample condition and the chain of custody through subdivision and dispatch, together with the coding, the recording media, the electronic capture and labelling, and the transfer of the information to the testing laboratory and into the results. It takes effect on 1 June 2025.

This document specifies the principles, content, technical requirements and quality of sample information collection in the inspection and testing of raw grains and oilseeds. control. This document is applicable to the collection of information on quality and safety testing samples during the purchase and storage of raw grains and oilseeds, and is used as a reference for edible vegetable oils and fats.

2 Normative references

The contents of the following documents constitute 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 to This document.

GB/T 2260 Administrative division codes of the People's Republic of China

GB/T 5491 Sampling and subsampling methods for grain and oilseed inspection

GB/T 17296 Chinese soil classification and code

GB/T 22515 Terminology of grains and oils Grains, oils and their processed products

GB/T 26631 Terminology of grains and oils-physical and chemical properties and quality

GB/T 26632 Terminology of grain and oil - Grain and oil storage equipment and facilities

GB/T 26882.4 Grain and oil storage grain condition monitoring system Part

3 Terms and definitions

GB/T 2260, GB/T 22515, GB/T 26631, GB/T 26632, LS/T 1702, LS/T 1703-2017, LS/T 1704.1,

4 Information exchange interface protocol

GB/T 29890-2013 Technical Specification for Grain and Oil Storage

HJ608 Pollutant Discharge Unit Coding Rules

HJ932-2017 China's surface water environment water body code coding rules LS/T

1701-2004 Grain Information Classification and Coding Grain Enterprise Classification and

Coding LS/T 1702 Grain Information Classification and Coding Grain Attribute Classification

and Coding LS/T 1703-2017 Grain Information Classification and Coding Grain and Processed Product Classification and Coding LS/T 1704.1 Grain information classification and coding Grain inspection Part

1.Index classification and coding LS/T 1704.2 Grain information classification and coding Grain inspection Part

2.Quality standard classification and coding LS/T 1704.3 Grain information classification and coding Grain inspection Part

3.Standard method classification and coding LS/T 1705-2017 Grain Information Classification and Coding Grain Facility Classification and Coding LS/T 1707.1-2017 Grain information classification and coding Grain storage Part

1.Classification and coding of storage operations LS/T 1707.2-2017 Grain Information Classification and Coding Grain Storage Part

2.Grain Information Classification and Coding LS/T 1709-2018 Grain Information Classification and Coding Classification and Coding of Stored Grain Pests and Diseases LS/T 1713 Stock Grain Identification Code

NY/T 1430 Rules for Origin Coding of Agricultural Products

NY/T 3702 Classification and coding of cultivated land quality information