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NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

ICS 67.040

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GB/T 5492-2008

Replacing GB/T 5492-1985

Inspection of grain and oils - Identification of colour, odour and taste of grain and oilseeds

粮油检验 粮食、油料的色泽、气味、口味鉴定

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Quarantine of the People's Republic of China;**

**Standardization Administration of the People's Republic of
China.**

Table of Contents

Foreword	3
1 Scope	4
2 Normative references	4
3 Principle.....	5
4 Equipment	5
5 Environment and laboratory	5
6 Operating procedures.....	5
7 Result representation	6

Foreword

This Standard replaces GB/T 5492-1985 “Inspection of grain and oilseeds - Methods for identification of colour, odour and taste”.

Compared with GB/T 5492-1985, the main changes of this Standard are as follows:

- MODIFY the name of the standard;
- ADD the normative references and principle;
- ADD the requirements for environment and laboratory;
- IMPROVE the methods for identification of colour, odour and taste of grain and oilseeds;
- ADD the sample size for identification;
- DELETE the original annex of this Standard.

This Standard was proposed by State Grain Administration.

This Standard shall be under the jurisdiction of National Technical Committee on Grain and Oil of Standardization Administration of China.

Drafting organizations of this Standard: Henan University of Technology, Beijing Inspection Institute of Grain, Oil and Foodstuffs, Nanjing University of Finance and Economics, Hubei National Grain and Oil Quality Monitoring Center, Heilongjiang National Grain and Oil Quality Monitoring Center, Henan National Grain and Oil Quality Monitoring Center.

Main drafters of this Standard: Zhang Yurong, Zhou Xianqing, Bian Ke, Zhang Yuqin, Yuan Jian, Yu Dunnian, Xiong Ning, Wang Zhiming, Song Xiujuan, Yin Chenghua.

The previous released version replaced by this Standard is as follows:

- GB/T 5492-1985.

Inspection of grain and oils - Identification of colour, odour and taste of grain and oilseeds

1 Scope

This Standard specifies the principle, equipment, environment and laboratory, operating procedures and result representation of the identification of colour, odour and taste of grain and oilseeds.

This Standard applies to the identification of colour, odour and taste of commercial grain and oilseeds.

2 Normative references

The following documents contain the provisions which, through reference in this Standard, become the provisions of this Standard. For dated references, their subsequent amendments (excluding corrigendum) or revisions do not apply to this Standard. However, the parties who enter into agreement based on this Standard are encouraged to investigate whether the latest versions of these documents are applicable. For undated reference documents, the latest versions apply to this Standard.

GB 5491 Inspection of grain and oilseeds - Methods for sampling and sample reduction

GB/T 10220 Sensory analysis - Methodology - General guidance

GB/T 13868 Sensory analysis - General guidance for the design of test rooms

GB/T 20569-2006 Guidelines for evaluation of grain storage character - Paddy

GB/T 20570-2006 Guidelines for evaluation of grain storage character - Maize

GB/T 20571-2006 Guidelines for evaluation of grain storage character - Wheat

GB/T 22505 Inspection of grain and oils - Sensory analysis environment - Lighting

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