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

GB/T 15033-2009

Replacing GB/T 15033-1994

**Green coffee -- Olfactory and visual examination and
determination of foreign matter and defects**

生咖啡 嗅觉和肉眼检验以及杂质和缺陷的测定

(English Translation)

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Foreword

This standard is equivalent to using ISO 4149:2005 "green coffee Olfactory and visual examination and determination of impurities and defects" (in English).

This standard replaces GB/T 15033-1994 "green coffee smell and visual examination and determination of impurities and defects." the main difference compared with the standard GB/T 15033-1994 as follows.

- Added "normative references", "terms and definitions" and "sample" chapters;
- In the "determination of impurities and defects" chapter, an increase of principle, clearly defined end result should be expressed to the requirements of ISO 10470 Defects on coffee quality and in accordance with the "quality of the affected units' quantified;
- Increasing the test report;
- Redefined the content of Appendix A of deleting the previous version of Appendix A, Appendix B and Appendix C.

Appendix A of this standard is an informative annex.

This standard is proposed and managed by the People's Republic of China Ministry of Agriculture.

This standard was drafted. Chinese Tropical Institute of Agro Agricultural Sciences.

1 Scope

This standard specifies the test method for green coffee (greencoffee) and visual and olfactory determination of impurities and defects.

This standard applies to smell and examination and determination of impurities and defects in green coffee to the naked eye.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 18007 Coffee and its products terminology (GB/T 18007-1999, eqvISO 3509. 1989)
ISO 4072 bags of green coffee samples (Greencoffeeinbags-Sampling) ISO 10470:2004
Green Coffee Defect reference to FIG. (Greencoffee-Defectreferencechart)

3 Terms and Definitions

Terms and definitions GB/T 18007 in established apply to this standard.

4 Sampling

Extraction according to the method prescribed ISO 4072 laboratory samples of less than 300g.

5.1 Program

5.1.1

The laboratory sample shall first smell test, and then the other tests.

5.1.2

After the data recorded on the sample label on the test table, open the package, the nose close to the entire sample, deep breathing.

5.2 Evaluation

5.2.1

Identification of smell, recorded as follows.

a) "smell normal" --- no smell or odor;

b) "abnormal odor" --- smell or odor.

If the odor can confirm, described the odor response, indicating that it belongs to the substance or show case.

5.2.2

If you suspect odor abnormal, laboratory sample should be installed in clean and does not smell containers; sample is contained to one half of the container, and the vessel was sealed, at room temperature for at least 1h, then open the container and re-assess the smell.

Visual examination 6

6.1 Program

In diffuse daylight or in artificial light as close as possible under the sun, the smell after the laboratory test sample Spreading in orange or black Flat plate.

6.2 Evaluation

Visual inspection, recorded as follows.

GB/T 15033-2009/ISO 4149:2005