

ICS 65.120
CCS X 04



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

GB/T 10358-2008

Replacing GB/T 10358-1989

**Oilseed residues -- Determination of moisture and volatile
matter content**

油料饼粕 水分及挥发物含量的测定

(English Translation)

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 5 Instruments and appliances
- 6 Steps
- 6.1 Sample Preparation

Foreword

This standard is identical with ISO 771. 1977 "Determination of oilseed moisture and volatile matter content" (in English).

For ease of use, this standard made the following editorial changes.

--- "This International Standard" be replaced by "this standard";

"," --- With a decimal point instead of a comma as the decimal point, "";

--- Delete international standards foreword.

This standard is GB/T 10358-1989 "oilseed moisture and volatile matter determination," the amendment.

This standard compared with GB/T 10358-1989 main changes are as follows.

--- Added "normative references", "Notes" and "Test Report", etc;

--- Increased the result of the determination of the claim;

--- Regulate the use of the expression values, quantities and units.

From the date of implementation of this standard instead of GB/T 10358-1989.

The standard proposed by the National Food Authority.

This standard by the National Standardization Technical Committee OILS.

This standard is mainly drafted by. People's Republic of China Hubei Exit Inspection and Quarantine.

1 Scope

This standard specifies the method or after crushing leaching to extract oil from the oil, the meal (except composite product) moisture and volatile matter content of method.

This standard applies to the press law or leaching extraction of oil from oil at after the meal (except composite product) in moisture and volatile matter content.

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 10360 for sampling oilseed residues (GB/T 10360-2008, ISO 5500. 1986, IDT)

3 Terms and Definitions

The following terms and definitions apply to this standard.

Quality under the following operating conditions specified measured loss of the sample, expressed in mass fraction.

Principle 4

Sample at atmospheric pressure placed $103\text{ }^{\circ}\text{C} \pm 2\text{ }^{\circ}\text{C}$ oven until a constant weight substances.

5 Instruments and appliances

5.1

Analytical balance. dividing the value of 0.1mg.

5.2

Mechanical mill. easy to clean, can be crushed oilseed cake until completely screened (5.3), and will not crush the material is heated in the process, will not Moisture, volatile matter and oil content, etc. to produce a measurable impact.

5.3

sieve. pore size of 1mm.

5.4

flat dish. diameter of about 50mm ~ 70mm, height of about 30mm, per square centimeter of

the sample distribution of about 0.2g. It can also be used with a ground stopper Glassware.

5.5

electric oven. with temperature control and good natural ventilation, the air temperature can be maintained between adjacent samples at 101 °C to 105 °C between cycles.

5.6

dryer. fitted with an efficient desiccant, and placed a metal plate to a flat bottom dish (5.4) rapid cooling.

6 Steps

All should be weighed to the nearest 0.001g.

6.1 Sample Preparation

6.1.1

according to GB/T 10360 method of dispensing the required samples.

6.1.2

If necessary, have been cleared with good mechanical mill (5.2) needed to crush the sample. First with a sample of about 1/20 of a thorough cleaning machinery Grinding discarded crushed. Then the rest of the sample pulverized to all through the aperture 1mm sieve, collecting pulverized, mixed carefully, as soon as possible for test.

GB/T 10358-2008/ISO 771. 1977