

ICS 87.040

CCS G50



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

GB/T 1721-2008

Replacing GB 1721-1979

**Determination of appearance and transparency of varnishes,
boiled oils and thinners**

清漆、清油及稀释剂外观和透明度测定法

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Foreword

This standard replaces GB/T 1721-1979 "varnish, edible vegetable oil and thinner appearance and transparency assays." The previous version of Standard GB/T 1721-1979 main technical differences are as follows:

- Increasing the normative references;
- Test ambient temperature changes (23 ± 2) °C; Determination of increased transparency
- instrument method. The standard proposed by China Petroleum and Chemical Industry Association. This standard by the National Standardization Technical Committee paint pigment. This standard was drafted. CNOOC Changzhou coating Chemical Research Institute. The main drafters of this standard. Huang Yidong Chen Feng. This standard was first published in 1979. Varnish, edible vegetable oil and thinner appearance and Determination of opacity

1 Scope

GB/T 1721-2008 is the Chinese national standard on determination of appearance and transparency of varnishes, boiled oils and thinners, in the field of paint and colour industries. 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 4 June 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 December 2008. Classification: ICS 87.040, CCS G50. 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 standard specifies the method for determination of varnish, edible vegetable oil and thinner appearance and transparency. This standard applies to varnish, edible vegetable oil, paint thinners and determination of appearance and transparency, namely whether it contains mechanical impurities and rendered turbid degree.

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 3186 Paints, varnishes and raw materials for paints and varnishes - Sampling (GB/T 3186-2006, ISO 15528.2000, IDT)

GB/T 6682 analytical laboratory use specifications and test methods (GB/T 6682-2008, ISO 3696. 1987, MOD)

3 Sampling

In accordance with the provisions of GB/T 3186 to take a representative sample of the test product.

4.1.1 Equipment

4.1.1.1 stoppered cuvette. capacity 25mL.

4.1.1.2 colorimetric frame.

4.1.1.3 straw. 10mL.

4.1.1.4 cylinders. 20mL, 100mL.

4.1.1.5 Balance. accurate to 0.01g.

4.1.1.6 spectrophotometer.

4.1.1.7 Wooden camera obscura. 500mm x 400mm x 600mm. Figure 1.