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

**GB/T 8793-2008**

Replacing GB/T 8793-1988

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**Oil of cedarwood, Chinese Guizhou type**

中国贵州柏木(精)油

**(English Translation)**

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### Foreword

This revised standard adopts ISO 9843:2002 "Chinese cedar oil." And ISO 9843:2002 as compared to the main technical differences are as follows.

- Remove the ISO 9843:2002 sampling methods;
- Test Methods "Common test methods for spices of" national standards;
- ISO 9843:2002 in the definition of Chinese cedar oil is limited to "essential oil obtained from the Kashiwagi," and this standard of China Guizhou Define Kashiwagi (refined) oil is limited to "extract from the root of China Guizhou cedar oil";
- ISO 9843:2002 provisions in color was "almost colorless to pale yellow", the color of the standard provisions like the "pale yellow to yellow";
- ISO 9843:2002 specified in flower arborvitae ethylene content of 1% to 3%, the present standard of 1% to 6%;
- The ISO 9843. 4.8 Content of this standard 2002 as Annex B (informative);
- Increased inspection rules;
- For signs, packaging, transportation, storage and shelf life of the contents of specific provisions.

This standard replaces GB/T 8793-1988 "China's Guizhou cedar oil." this standard and GB/T 8793-1988 compared to the main changes are as follows.

Determination of content --- Kashiwagi brain by area normalization method instead of the internal standard method;

--- Added Appendix B representative and characteristic component content range.

This standard Annex A, Annex B is informative appendix.

The standard proposed by China National Light Industry Council.

This standard by the National Standardization Technical Committee of Fragrance Flavor and Cosmetic.

This standard was drafted. Shanghai Institute of Spices.

## 1 Scope

This standard specifies the requirements for China Guizhou Kashiwagi (refined) oil, test methods, inspection rules and signs, packaging, transportation, storage and shelf life.

## 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 11538-2006 oils by capillary column gas chromatography - General method (ISO 7609. 1985, IDT) GB/T 11540 Determination of relative density of spices (GB/T 11540-2008, ISO 279:1998, MOD) GB/T 14454.2 spice aroma evaluation method GB/T 14454.4 spices refractive index measurement (GB/T 14454.4-2008, ISO 280:1998, MOD) GB/T 14454.5 Determination of spices optical rotation (GB/T 14454.5-2008, ISO 592:1998, MOD) GB/T 14455.3 spices dissolved in ethanol (mixed) to assess the degree (GB/T 14455.3-2008, ISO 875:1999, MOD)

## 3 Terms and Definitions

The following terms and definitions apply to this standard.

Workers prepared.

## 4 Requirements

### 4.1

Appearance. light yellow to yellow clear liquid.

### 4.2

Aroma. characteristic woody.

**4.3**

Relative density (20 °C/20 °C). 0.938 ~ 0.960.

**4.4**

Refractive index (20 °C). 1.5000 ~ 1.5080.

**4.5**

Optical rotation (20 °C). - 35 ° ~ -20 °.

**4.6**

miscibility (20 °C). 1 volume of the sample soluble in 5 volumes of 95% (volume fraction) ethanol as a clear solution.

**4.7**

Kashiwagi brain content (GC).  $\geq 10.0\%$ .

**5.1 Verification of Appearance**

The sample is placed in color than the inner tube, were visually observed.

**5.2 Evaluation aroma**

According to the provisions of GB/T 14454.2 of.

**5.3 Determination of relative density**

According to GB/T 11540 regulations.