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

LY/T 3137-2019

General technical requirements for agarwood products

沉香产品通用技术要求

(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard was proposed and managed by the National Timber Standardization Technical Committee (SAC/TC41).

This standard was drafted. Beijing Forestry University, Beijing Agarwood Association, Beijing Sanxiang San Agarwood Culture Development Co., Ltd., Chinese Folklore Association (China Fragrant Culture Research Center), Institute of Wood Industry, Chinese Academy of Forestry, Professional Cooperation News Agency, Guangdong Shenxiangshan Agarwood Development Co., Ltd., Xishuangbanna Zhongde Agriculture and Forestry Technology Development Co., Ltd., Zhejiang Yuhua Wood Industry Co., Ltd.

1 Scope

This standard specifies the terms and definitions, classification, requirements, inspection methods, inspection rules, and marking, packaging, transportation, and Storage.

This standard applies to products produced with agarwood as raw material.

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version applies to this document.

For undated references, the latest version (including all amendments) applies to this document.

GB 26386-2011 General technical requirements for the safety of incense products GB/T 26393-2011 Test method for harmful substances in incense products GB/T 26516-2011 massage essential oil QB/T 1684 Cosmetic Inspection Rules LY/T 2904-2017 Agarwood Pharmacopoeia of the People's Republic of China.2015 Edition Four

3 Terms and definitions

The following terms and definitions apply to this document.

Agarwood

Agarwood species formed during the growth process of a natural mixture of xylem tissue and its secretions.

[LY/T 2904-2017, definition 3.3] 3.2 Agarwood product Agarwood is used as a raw material without other spices.

Raw agarwood product Agarwood is made by simple physical processing such as washing, drying, and dividing, which can retain some of the original appearance characteristics of the product. Agarwood Pieces, agarwood pieces, agarwood strips, agarwood bracelets, agarwood carvings, etc.

Agarwood essential oil product Agarwood is extracted by steam distillation, extrusion, cold soaking or solvent extraction.

Agarwood burnable incense product it is made of agarwood powder and binder, and it can be used as a solid fragrance after ignition. Such as incense, pan incense, tower and so on.

Chinese agarwood product Products made from agarwood from China.

Hui'an agarwood product Products made from agarwood from the Hui'an production area. Hui'an production areas include Vietnam, Cambodia, India, Laos, Thailand, Myanmar, Sri Lanka, Bangladesh and Bhutan.

Sin-chow agarwood product Products made from agarwood from the Xingzhou production area. Sin Chau production areas include Malaysia, Indonesia, Brunei, Babu A New Guinea, East Timor, and the Philippines.

Reference material

Agarwood products that are identifying the information of famous producing areas or producing countries.

4 Classification

4.1

According to product use.

- a) Agarwood products in their original state;
- b) Agarwood essential oil products;
- c) Agarwood incense products.

4.2

Differentiated by industry.

- a) National incense products;
- b) Hui'an agarwood products;
- c) Xingzhou Agarwood products.

5.1 Technical requirements

Agarwood products should meet the requirements of Table 1.

Table 1 Technical requirements

Test items

Claim

Agarwood Products Agarwood Essential Oil Products Agarwood Burning Products Xylem structure should comply with LY/T 2904-2017 Claim.

Color reaction--

TLC-- --

HPLC Characteristic Atlas--Ethanol extract content should comply with LY/T 2904-2017 Requirements, and should not be lower than the product standard Weighing.

The producing area or country should be consistent with the nominal product.

hygiene standard--

Should comply with GB/T 26516-2011 5.3 requirements.

Limit of hazardous substances--should comply with GB 26386-2011 5.4 requirements.

5.2 Naming requirements

Agarwood products should indicate the production area or country, ethanol extract content, product name and other information. The naming should be based on the groups specified in Table 2.

to make.

Table 2 Naming of Agarwood Products

Content of ethanol extract in producing area or country (only labeled as agarwood products) Product name

Example 1. ES20 Agarwood Carving of Hui'an Department 2. Sin Chau Burning Incense
Note. 1. Producing areas include. National Fragrance, Huian, and Xingzhou. If the origin or country classification cannot be confirmed, it will not be marked.

2. The original agarwood product should indicate the content of ethanol extract, which is expressed as "ES ***". If it is 20%, it is expressed as ES20.

6 Inspection method

6.1

The xylem structure, color reaction, thin-layer chromatography, high-performance liquid characteristic map, and ethanol extract test methods of the original agarwood products are LY/T 2904-2017 in accordance with the provisions of 5.

6.2

The inspection method in the producing area or country shall be in accordance with the provisions of Appendix A.

6.3

The hygienic inspection method of agarwood essential oil products shall be conducted in accordance with the provisions of GB/T 26516-2011.

6.4

The limit test method for hazardous substances in agarwood incense products shall be conducted in accordance with the provisions of GB/T 26393-2011.

7.1 Inspection classification

7.1.1

Product inspection is divided into factory inspection and type inspection.