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

LY/T 2904-2017

Agarwood

英文版 沉香

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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 by the People's Republic of China Endangered Species Import and Export Management Office.

This standard is under the jurisdiction of the National Timber Standardization Technical Committee (SAC/TC41).

This standard was drafted. Institute of Wood Industry, Chinese Academy of Forestry, Beijing Tianyi Lihua Agarwood Technology Research Institute, China Tropical Institute of Tropical Biotechnology, Academy of Agricultural Sciences, Institute of Tropical Forestry, Chinese Academy of Forestry, Modern Research on Traditional Chinese Medicine, Beijing University of Chinese Medicine Center, Southwest Forestry University, Guangxi University, Institute of Medicinal Plants, Chinese Academy of Medical Sciences, Fujian Agarwood Association, Dongguan City, Guangdong Province, Aquilaria Association, Hainan Province Fragrant Culture Association, Dongguan Xiangcheng Industrial Co., Ltd., Hainan Aquilaria Collection Association, Hainan Xiangshu Shenxiang Industry Co., Ltd.

Division, Hainan Province Agarwood Industry Association, Zhongshan City, Shenxiang Association, Zhongshan City Senbao Shenxiang Comprehensive Technology Research Institute.

Introduction

The *Aquilariaspp.* tree species is the Appendix II species of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), while agarwood *Aquilariasinensis* (*Aquilaria incense*) in the genus is the National Catalogue of Key Protected Wild Plants (First Batch) (1999) Secondary protection plants.

In order to protect and sustainable use of agarwood resources and promote the healthy

development of China's agarwood industry, this standard has been formulated.

Agarwood

1 Scope

This standard specifies the terms and definitions, requirements, test methods and judgments of agarwood.

This standard applies to the inspection and determination of agarwood raw materials and their products.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

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

GB/T 29894-2013 General rules for wood identification methods LY/T 1788-2008 Wood terminology

3 Terms and definitions

The following terms and definitions as defined by LY/T 1788-2008 apply to this document.

Aquilaria species

A plant species belonging to the genus Aquilaria genus according to plant taxonomy.

Agarwood Wood Aquilariawood Agarwood the xylem organization of the genus Aquilaria.

Agarwood

A natural mixture of xylem tissue and its secretions formed during the growth of the genus Aquilaria.

Agarwood ethanol extract ethanolextractofagarwood A substance dissolved in 95% ethanol in agarwood. Mainly including 2-(2-phenethyl) chromones, sesquiterpenoids, and aromatization Compounds and fatty acids.

Agarwood reference referencesubstanceofagarwood Prepared and calibrated by nationally designated metrology or inspection agencies for thin layer chromatography and high performance liquid chromatography identification, detection and comparison analysis Agarwood sample.

4 Requirements

The xylem structure and secretion characteristics of agarwood should meet the requirements of Table 1.