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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YC/Z 385-2011

Tobacco and tobacco products. Preparation and constitution of identical samples from the same lot for collaborative studies for the evaluation of test methods

烟草及烟草制品由同批样品中制备和组成测试方法评价的共同试验用均一样品

(English Translation)

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Foreword

This Guidance Document is given in accordance with GB/T 1.1-2009 "Part 1 of the Guidelines for Standardization. Structure and preparation of standards" Rules drafting.

Please note that some of this document may be patentable. The issuing agencies of this document do not bear the responsibility of identifying these patents.

This guidance document is equivalent to using ISO/T S7821.2005 "Tobacco and tobacco products prepared from the same batch of samples and composition test Method for evaluation of common test uniform sample "(in English). This technical guideline is technically relevant to ISO/T S7821.2005 Equivalent, for ease of use, compared with ISO/T S7821.2005, the following technical guidance made the following editorial changes.

--- Remove the foreword ISO/T S7821.2005;

--- Added "terms and definitions";

--- In the process of translation, some of the sentences in the text have been adjusted to more suit the habit of Chinese expression.

This guiding technical document is proposed by the State Tobacco Monopoly Administration.

This guidance document is governed by the National Tobacco Standardization Technical Committee Cigarettes Technical Committee (SAC/TC144/SC1).

The drafting of the guidance of technical documents. National Tobacco Quality Supervision and Inspection Center, China Tobacco Standardization Research Center, Fujian Tobacco Industry companies.

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Introduction

ISO 3534-1, ISO 3534-2 and ISO 3534-3 give the definition of repeatability and reproducibility for a particular laboratory method, the value of which Reference to the common laboratory between ISO 5725-2 requirements.

To organize such a common test, usually in addition to reference to existing standards, the provisions of test methods and equipment, but also need to prepare as a research medium Quality samples.

It is worth noting that as long as the quantitative data obtained by the research meet the requirements of compiling the statistical report of the corresponding test method Need, people rarely pay attention to the characteristics of the material itself used for this kind of joint test. In most cases, try to get consistent samples Reduce the residual variance, but also improve the accuracy of the conclusions of the overall analysis of the results.

As a single common test sample, do not need to represent the entire batch of samples, but require the sample must be consistent. The preparation of this test sample Method, with the preparation of the sample for the purpose of obtaining the overall information for the preparation of methods are very different.

For some industries, such as the chemical industry, since products (eg, solutions, powders) have uniform microscopic or macroscopic properties, they are prepared in accordance with one another the sample is relatively easy.

However, in the case of tobacco, the inhomogeneous influence of the raw material or the finished product itself may cause the difference between the test samples Significant difference.

As a test material, tobacco has the following forms.

--- end of the smoke

---cut tobacco;

---cigarette;

--- Tobacco leaf or tobacco.

In most cases, the test sample should be prepared according to the type of test. But for most of the joint tests, it can also be based on the material Formulated to meet the common test requirements of some common sample preparation guidelines.

YC/Z385-2011/ISO/T S7821.2005 Tobacco and tobacco products Prepared from the same batch of samples and composition Test method for the evaluation of the common test with a homogeneous sample

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1 Scope

This guidance document provides for the preparation of a batch of samples of tobacco or tobacco products that are uniform or not uniform for use in laboratories or laboratory-based common test sample for the operation of similar guidelines.

2 Terms and definitions

The following terms and definitions apply to this guidance document.

Characteristic the physical, mechanistic, dimensional, chemical, biological, botany or sensory aspects of tobacco.

Lot lot

A quantity of tobacco or tobacco product produced under the condition that one or more of the features (2.1) is considered consistent.

Laboratory sample A sample for laboratory testing or testing, as the case may be, includes one or more samples (2.4).

Singlesample (basicsample) A sample of n samples (2.5) taken from the unit to represent the sample unit as much as possible, depending on the circumstances, one Batch (2.2) Samples can be divided into several simple.

Sample increment

A sample taken at one point from a batch of samples forms part of a single sample (2.4).

Box

The smallest pack of cigarettes. It can hold several (usually 20) cigarettes.

Article carton

The smallest unit of packing consisting of box (bag) (2.6). It can hold several boxes (packages) (2.6), usually 10 packs of cigarettes.

Case

The smallest unit of packing consisting of the bars (2.7). Which can be loaded into a number of (2.7), usually 50 (2.7) cigarettes.

3.1 Overview

It is relatively easy to divide a batch of homogeneous samples (or can be homogenized according to the physical state) into similar single samples, and vice versa, YC/Z385-2011/ISO/T S7821.2005

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