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

YC/T 164-2012

**Tobacco flavor
(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 is the revision of YC/T 164-2003 "Tobacco flavourings and casings".

From the date of implementation, this Standard replaces YC/T 164-2003.

Compared with YC/T 164-2003, the main changes of this Standard are as follows.

- The standard name was changed to "Tobacco flavor";
- DEFINE the scope of the standard;
- Tobacco flavors may refer to this Standard;
- MODIFY the English expressions and definitions of tobacco flavor;
- DELETE the definition of casings;
- ADD the requirements for raw materials;
- ADD the provisions of appearance requirements;
- MODIFY and SUPPLEMENT the specific requirements for packaging, marking, transportation and storage of tobacco flavor;
- ADD the provisions of inspection classification;
- ADD the provisions of re-inspection rules.

This Standard was proposed by the State Tobacco Monopoly Bureau.

This Standard shall be under the jurisdiction of the Branch Technical Committee on

Material for Tobacco Products of National Standardization Technical Committee on Tobacco (SAC/TC 144/SC 8).

Drafting organizations of this Standard. Zhengzhou Tobacco Research Institute of China National Tobacco Corporation, China Tobacco Standardization Research Center, Anhui Tobacco Industry Co., Ltd., Hongta Tobacco (Group) Co., Ltd., Huafang Tobacco Flavor Co., Ltd., He'nan Tobacco Industry Co., Ltd., Shenzhen Bolton Flavor Co., Ltd., Warburg Food Flavors and Fragrances (Shanghai) Co., Ltd., Yunnan Ruisheng Tobacco Technology (Group) Co., Ltd. AND China National Tobacco Quality Supervision and Inspection Center.

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The historical version replaced by this Standard is as follows.

- YC/T 164-2003.

Tobacco Flavor

1 Scope

This Standard specifies the terms and definitions, technical requirements, test methods, inspection rules, packaging, marking, transportation and storage of tobacco flavor.

This Standard applies to the detection of tobacco flavor products. Tobacco fragrance may also refer to this Standard.

2 Normative references

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) are applicable to this Standard.

GB/T 5009.74 Method for limit test of heavy metals in food additives

GB/T 5009.76 Determination of arsenic in food additives

YC/T 145.1 Tobacco flavor - Determination of acid value

YC/T 145.2 Tobacco flavor - Determination of relative density

YC/T 145.3 Tobacco flavor - Determination of refractive index

YC/T 145.4 Tobacco flavor - Determination of refractive index

YC/T 145.5 Tobacco flavor - Evaluation of clarity

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Tobacco fragrance

Fragrance that is, individually or after it is deployed into flavor, added to tobacco and tobacco products.

3.2

Tobacco flavor

The mixture that is deployed with two or more fragrances, appropriate amount of solvent and other ingredients, which is to enhance or modify the style of tobacco products or improve the quality of tobacco products during the processing of tobacco products. According to the difference of applied processes and effects, it can be divided into top dressing flavor (also known as top flavor) and casing flavor (also known as casing).

3.3

Top dressing flavor

Tobacco flavor that is added in the top dressing process of tobacco products. It is used in the cut-tobacco after process treatment and drying, so as to enhance the smell of cigarettes and the characteristic aroma when smoking.

4.1 Requirements for raw materials

The raw materials used in tobacco flavor shall comply with the relevant specifications of the state and the tobacco industry.

4.2 Heavy metal limits

The heavy metal content of tobacco flavor shall comply with the specifications in Table 1.

4.4 Physiochemical indicators

The physiochemical indicators of tobacco flavor shall comply with the specifications in Table 3.

5 Sampling

SELECT laboratory samples according to the specifications of YC/T 145.10.

6.1 The determination of standard sample is conducted according to the specifications

of YC/T 145.7.

6.2 The determinations of tobacco flavor's acid value, relative density, refractive index,

miscibility, clarity, odor quality, flavor quality and total volatile constituents are conducted according to the specifications of YC/T 145.1, YC/T 145.2, YC/T 145.3, YC/T 145.4, YC/T 145.5, YC/T 145.6, YC/T 145.8 and YC/T 145.9 respectively.

7.1 Inspection classification

Product inspection is divided into delivery inspection, type inspection and supervision inspection.

7.2 Delivery inspection

Delivery inspection items are determined by the supply-demand sides through negotiation.

7.4 Supervision inspection

Supervision inspection items are determined by the state or industry quality supervision agencies.