

ICS 65.160
CCS X 85

YC

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

YC/T 145.9-1998

Replacing YC/T 145.9-1998

**Tobacco flavor. General method of determination of total
volatile constituents
(English Translation)**

Issued on: January 1, 1970

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Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and Definitions
5 Instruments
5.1 Temperature water bath
5.2 Round evaporating dish
6 Sampling

Foreword

YC/T 145 consists of the following components.

- Part 1. Determination of smoke flavor with acid value;
- Part 2. Determination of relative density of smoke flavor;
- Part 3. Determination of smoke flavor refractive index;
- Part 4. Assessment of tobacco flavor in ethanol miscible degrees;
- Part 5. Assessment tobacco flavors with clarity;
- Part 6. Generic smoke flavor aroma quality evaluation methods;
- Part 7. tobacco flavor determine the standard samples and preservation;
- Part 8. Methods of evaluating the smoke flavor generic quality;
- Part 9. smoke flavor universal detection method with a total of volatile components;
- Part 10. Sampling tobacco flavor;
- Part 11. Smoke complex sample pretreatment methods flavor.

This section YC/T Section 9145 of.

This section drafted in accordance with the rules of GB/T 1.1-2009 and GB/T 20001.4 given.

This part is the YC/T 145.9-1998 "total tobacco flavor volatile components common detection method," the amendment. The real part of the self Shi date instead of YC/T 145.9-1998.

This section compared with YC/T 145.9-1998, the main technical differences are as follows.

- Increasing the principle part;
- Define the scope of the standard;
- Increasing the normative references YC/T 145.10 tobacco flavor sampling;
- Clearly defines the evaporating dish specifications;
- Increasing the detection result of significant digits requirements;
- Increasing the content of the test report.

This part by the State Tobacco Monopoly Bureau.

This part of the National Standardization Technical Committee of tobacco smokable material Technical Committee (SAC/TC144/SC8) centralized.

This section drafted by. China National Tobacco Corporation, Zhengzhou Tobacco Research Institute, China Tobacco Standardization Research Center, the Anhui Tobacco Industry Co., Ltd, Hongta Tobacco (Group) Co., Ltd. Huafang tobacco flavor, Henan Tobacco Industry Co., Ltd., Shenzhen wave Dayton spices Limited, Warburg food flavors and fragrances (Shanghai) Co., cloud NARI liters Tobacco Technology (Group) Co., Ltd., the State Tobacco Quality the amount of supervision and inspection center.

1 Scope

YC/T of the provisions of section 145 of the smoke flavor universal detection method with the total amount of volatile components.

This section applies to the liquid smoke uniformly clear flavor, other forms of tobacco flavor NA.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

YC/T 145.10 sampling tobacco flavor

3 Terms and Definitions

The following terms and definitions apply to this document.

Tobacco flavor volatile components of the total totalvolatileconstituentsoftobaccoflavor the difference between the amount of residue after evaporation was on a boiling water bath for heating and evaporating a certain amount of tobacco flavor 120min, prior to evaporation of

the sample and the amount of evaporation Before the sample volume ratio.

Principle 4

In a boiling water bath evaporation of volatile tobacco flavor portion, said take the quality residues.

5 Instruments

Common laboratory apparatus and the following items.

5.1 Temperature water bath

Circular aperture having a diameter of 55mm, the water level should be about 50mm in a water bath at the lid plate cover.

5.2 Round evaporating dish

Corrosion-resistant glass, the diameter of (60 ± 3) mm, dish high (30 ± 3) mm, thickness (3 ± 0.5) mm.

5.3 dryer, built-in desiccant silica gel.

5.4 Analytical balance, dividing the value of 0.001g.

6 Sampling

Samples taken according to the provisions YC/T 145.10 of.