

ICS 65.160
CCS X 85

YC

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

YC/T 145.2-1998

Replacing YC/T 145.2-1998

**Tobacco flavor. Determination of relative density
(English Translation)**

Issued on: January 1, 1970

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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. Cigarette determine flavor and preservation of standard sample.
- 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 145 Part 2.

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 145.2-1998 "tobacco flavor relative density determination," the amendment. This section from the date of implementation of substitute YC/T 145.2-1998.

This section compared with YC/T 145.2-1998, the main technical differences are as follows.

- Removed Normative references GB/T 14455.2-1993 oil sampling methods;

- Increasing the normative references YC/T 145.10 tobacco flavor sampling;
- Increasing the normative references YC/T 145.11 before tobacco flavor complex sample preparation methods;
- Increasing the measurement results of significant digits requirements;
- Increasing the content of the test report;
- Increasing the test method of automatic densitometer.

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 section 145 provisions of the tobacco flavor Determination method of relative density.

This section applies to tobacco flavor relative density determination.

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.

Laboratory use specifications and test methods GB/T 6682 Analysis GB/T 21785
Laboratory glassware hydrometer YC/T 145.10 sampling tobacco flavor YC/T 145.11
Tobacco flavor complex samples before processing

3 Terms and Definitions

The following terms and definitions apply to this document.

Tobacco Flavor relative density at 20 °C relativedensityoftobaccoflavorat20 °C 20 °C, the same mass ratio of the volume of distilled water quality and flavor when 20 °C a volume of smoke.

Principle 4

At 20 °C, the density of the weighing bottle has the same volume of tobacco flavor and water quality.

5 Reagents

Water should be consistent with GB/T 6682 in the three water requirements.

6 Instruments

Common laboratory apparatus and the following items.

6.1

Glass density bottles, 5mL or 25mL, in line with GB/T 21785 requirements.

6.2

water bath temperature controlled at $(20 \pm 0.5) ^\circ\text{C}$.

6.3

standard thermometer, $10 ^\circ\text{C} \sim 30 ^\circ\text{C}$, indexing is $0.1 ^\circ\text{C}$ or $0.2 ^\circ\text{C}$.

6.4

Analytical balance, dividing the value 0.0001g.

7 Sampling

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