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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 18798.5-2013

Instant tea -- Part 5: Methods for determination of free-flow and compacted bulk densities

固态速溶茶 第5部分: 自由流动和紧密堆积密度的测定

(English Translation)

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Foreword

GB/T 18798 "solid instant tea" into the following sections.

--- Part 1. Sampling;

--- Part 2. Determination of total ash;

--- Part 3. Determination of moisture content;

--- Part 4. Specifications;

--- Part 5. freedom of movement and close packing density.

This section GB/T 18798 Part 5.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section uses redrafted law revision of international standards ISO 6770. 1982 "the free flow of instant tea and tight bulk density Determination. " this part of ISO 6770. 1982 as compared to the main technical differences are as follows.

--- Modify the free flow bulk density measuring device size requirements;

Cylinder minimum scale value --- 10.3.2 graduated, ISO 6770. 1982 requirements 2mL, this section to 1mL;

--- 12.1 tapped powder after reading the volume within the cylinder, ISO 6770. 1982 requirements for the accuracy of 2mL, accurate to read this section 1mL;

--- Remove the ISO 6770. 1982 in Chapter 9 of the test report;

--- Remove the ISO 6770. 1982, Chapter 16 in the test report.

The structural part made of the following modifications.

--- The ISO 6770. 1982 in Chapter 3, biasing the present section 3.1;

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--- The ISO 6770. 1982 in Chapter 10, biasing the present section 3.2.

This part made the following editorial changes.

--- Remove the foreword and introduction of international standards;

--- "This International Standard" be replaced by "of this section." this part is proposed by the China Federation of Supply and Marketing Cooperatives.

This part of the National Technical Committee of Standardization Tea (SAC/TC339) centralized.

1 Scope

GB/T 18798 provisions of this part of the determination of solid instant tea free flow bulk density and compact bulk density instruments and equipment, Sampling procedures and calculations results.

This section applies to a free-flowing solid instant tea bulk density and compact bulk 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.

General test method ISO 787-11 pigments and extenders - Part 11. compacted volume and apparent density after compaction (Generalmethodsoftestforpigmentsandextenders-Part 11. Determinationoftampedvolumeand apparentdensityaftertamping)

3 Terms and Definitions

The following terms and definitions apply to this document.

Free flow bulk density of free-flowbulkdensities Under specified conditions, the ratio of freely dumped into a container after the quality and volume. Units of grams per milliliter (g/mL).

Close packing density compactedbulkdensities Vibration ratio of mass to volume (typically 100) after being under specified conditions. Units of grams per milliliter (g/mL).

Determination of free-flowing bulk density Principle 4 the sample is injected through a funnel into a particular specific container of known volume and mass and weigh the contents of the container quality.

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5.1 Balances

Accuracy of 0.1g.

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