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

GB/T 13738.1-2017

Replacing GB/T 13738.1-2008

Black tea -- Part 1: Broken black tea

红茶 第1部分：红碎茶

(English Translation)

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Foreword

GB/T 13738 "black tea" is divided into the following sections.

- Part 1. Red broken tea;
- Part 2. Gongfu black tea;
- Part 3. Small kinds of black tea.

This section GB/T 13738 Part 1.

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

This Part replaces GB/T 13738.1-2008 "black tea Part 1. Red broken tea." Compared with GB/T 13738.1-2008, in addition to editing the main technical changes outside the editorial changes are as follows.

- Modify the adoption of ISO 3720:2011 "black tea definition and basic requirements";
- Adjust some of the reference standards, pesticide maximum residue limits, pollutant limits and food labeling by food safety implementation of national standards;
- Adjust product classification and sensory quality requirements, the tea and the end of the tea were unified into a specification;
- Increase in physical and chemical indicators of tea polyphenols project, a clear water-soluble ash, water-soluble ash alkalinity, acid insoluble ash, crude fiber, tea and more Phenol five physical and chemical indicators as a reference index;
- Increase the detection method of tea polyphenols.

This section uses the redrafted law to amend the use of ISO 3720:2011 "black tea definition and basic requirements." This part of ISO 3720.

2011 compared to the main technical changes are as follows.

- Remove the term "black tea";
- Increase the sensory index of broken tea;

--- 4.1 The basic requirements of the deletion of "Odor for the evaluation of tea must be prepared in accordance with the provisions of ISO 3103. Evaluation results to be with the terms specified in ISO 6078 recorded in the test report ";

--- Physical and chemical indicators to increase the water and powder requirements, water-soluble ash, water-soluble ash alkalinity, acid insoluble ash, crude fiber, tea Five physical and chemical indicators of polyphenols as a reference index;

--- Increase the requirements of health indicators;

--- Increase transport and storage requirements.

This section also made the following editorial changes.

--- Standard name was changed to "Black tea Part 1. Red broken tea";

--- International Standard physical and chemical indicators in the table test methods Chapter 5 test methods are provided.

This part is proposed by China Federation of Supply and Marketing Cooperatives.

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

This part of the drafting unit. China National Federation of Supply and Marketing Cooperatives Hangzhou Tea Research Institute, Fujian New Tanzanian Group Co., Ltd., Fujian Agriculture Lin University, the National Tea Quality Supervision and Inspection Center, Sichuan Agricultural University, Hunan Tea Group Co., Ltd., Sichuan Tea Group Co., Ltd., a different group Ltd., Hangzhou Yifu Tang Tea Co., Ltd., China Tea Circulation Association.

1 Scope

GB/T 13738 provisions of this section broken tea product classification, requirements, test methods, inspection rules, labeling, packaging, transportation and storage.

This section applies to the tea tree *Camelliasinensis* (Linnaeus.) O.Kuntze buds, leaves, tender stems as raw material, withered, knead, Fermentation, drying and other technology made of broken red tea.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 191 Packaging - Pictorial signs (GB/T 191-2008, ISO 780:1997, MOD) GB 2762 National Food Safety Standard Food contaminants limited GB 2763 National Food Safety

Standard Pesticide Maximum Residue in Food GB 7718 National Food Safety Standard
Pre-packaged food labels General GB/T 8302 tea sampling (GB/T 8302-2013, ISO
1839:1980, NEQ) Preparation of GB/T 8303 tea ground sample and determination of dry
matter content (GB/T 8303-2013, ISO 1572:1980, MOD) GB/T 8304 Determination of tea
moisture (GB/T 8304-2013, ISO 1573:1980, MOD) GB/T 8305 Determination of tea extract
(GB/T 8305-2013, ISO 9768:1994, MOD) GB/T 8306 tea total ash determination (GB/T
8306-2013, ISO 1575:1987, MOD) GB/T 8307 Determination of tea-soluble ash and
water-insoluble ash (GB/T 8307-2013, ISO 1576:1988, MOD) GB/T 8308 tea acid insoluble
ash determination (GB/T 8308-2013, ISO 1577:1987, MOD) GB/T 8309 tea water-soluble
ash alkalinity (GB/T 8309-2013, ISO 1578:1987, MOD) GB/T 8310 Determination of crude
fiber tea (GB/T 8310-2013, ISO 15598:1999, MOD) GB/T 8311 tea powder and broken tea
content determination GB/T 8313 tea polyphenols and catechins in the detection of content
(GB/T 8313-2008, ISO 14502-1/2.

2005, MOD)

GB/T 23776 tea sensory evaluation method GB/T 30375 tea storage General rules of tea
packaging GH/T 1070 JJF1070 quantitative measurement of net content of packaged
goods inspection rules Measures for the Administration of Measurement of Quantitative
Packaging Commodities AQSIQ [2005] No.75 AQSIQ Decision on Amending the
"Provisions on the Administration of Food Labeling" Order of the General Administration of
Quality Supervision, Inspection and Quarantine [2009] No.123