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

GB/T 10789-2015

Replacing GB 10789-2007

General standard for beverage

饮料通则

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Foreword

This Standard is drafted in accordance with the rules given in GB/T 1.1-2009. This Standard replaces GB 10789-2007 "General Standard for Beverage" and the No. 1 modification list. Compared with GB 10789-2007, the main changes of this Standard are as follows: -- Modify the names and orders of beverage classification; -- Delete or adjust the sub-classification and definition of some beverage classification; -- Modify the expression form of indicators requirements in Table

1 Basic Technical Requirement. This Standard was proposed by China Beverage Industry Association. This Standard shall be under the jurisdiction of National Beverage Standardization Technical Committee. Drafting organizations of this Standard. Technical Work Committee of China Beverage Industry Association, the Coca-Cola Company (Shanghai), Tingyi Holding Corporation (China), Wahaha Group, Nongfu Spring, Beijing Huiyuan Group, PepsiCo, Uni-President Investment Ltd. (China), Sichuan Bluesword Beverage Group, China Resources C'estbon Beverage (Shenzhen) Co. Ltd., Nestle (China) Co., Ltd., RedBull Vitamin Beverage Co., Ltd., Vitasoy (Shanghai) Co., Ltd., Robust (Guangdong) Food and Beverage Co., Ltd., Hebei Chengde Lolo Company Ltd. and SDIC Zhonglu Fruit Juice Co., Ltd. Main drafters of this Standard. Li Yu'nan, Yang Yonglan, Zhang Junyan, Luo Zhigang, Zhai Penggui, Zhou Li, Li Shaozhen, Cheng Mian, Huang Yingping, Zou Zongfeng, Ren Li, Tao Hong, Wu Zhenjun, Yuan Jie, Wen Wanlong, Wang Xuchang and Leng Chuanzhu. The previous editions that are replaced by this Standard are as follows: --

GB 10789-1989, GB 10789-1996 and GB 10789-2007. General Standard for Beverage

1 Scope

GB/T 10789-2015 is the Chinese national standard on general standard for beverage, in the field of food technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 4 February 2015 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 April 2016. Classification: ICS 67.160.01, CCS X50. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This Standard specifies the beverage's terms, definitions, classification, naming, technical requirements, label, claim, transportation, storage and consumer's identification requirements for bottled water. This Standard is applicable to beverage's production and research-development, as well as the formulation of beverage product standards and other standards that are relevant to beverage. This Standard is not applicable to drinking medicine.

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 document.

GB 2760 National Food Safety Standard - Food Additive Usage Standard

GB 7718 National food safety standards - General Principles of pre-packaged food labels

GB 8537 Drinking Natural Mineral Water

GB/T 10792 Carbonated Beverages

GB 14880 National food safety standards - Standard for the use of nutritional fortification substances in foods
GB 15266 Sports Beverage

GB 17323 Bottled Purified Water for Drinking

GB/T 21732 Milk Beverages
GB/T 21733 Tea Beverages

GB 28050 National food safety standards of pre-packaged food nutrition labels - General

3 Terms and Definitions

The following terms and definitions are applicable to this Standard.

3.1 Beverage; drinks The drinking product which is quantitatively packed for direct drinking or diluted with water to a certain ratio for drinking; its ethanol content (mass fraction) is no more than 0.5%. It can also be beverage syrup or in solid state.

4 Classification

Classification of beverages is shown in Annex A.

4.1 Packaged drinking water Its original sources are surface water, underground water or water from public water supply system; after processed and sealed in containers, it can be used for direct drinking.

4.1.1 Natural mineral water Natural mineral water is the water that naturally gushes from deep ground or is obtained through drilling, containing a certain amount of mineral substance, microelement and other contents, whose original resource is not contaminated and protected from contamination. Usually, its dynamic indicators such as chemical component, flow and temperature are relatively stable in natural periodic fluctuation range.

4.1.3 Other types drinking water

4.2 Fruit/vegetable juices and beverage It is liquid beverage after processed or fermented, using fruit and (or) vegetable (including edible root, stem, leaf, flower, fruit) as raw materials.

4.2.1 Fruit/vegetable juice (puree) Using fruit or vegetable as raw material, processed with physical approaches (mechanical method, water extraction); it is the juice or puree product that can be fermented but not fermented, or the juice or puree product that is recovered by ADDING the equivalent- amount of water that was removed during processing INTO the concentrated fruit/vegetable juice (puree), such as originally extracted juice (non-reconstituted juice), reconstituted juice, vegetable juice, fruit/vegetable puree and mixed fruit & vegetable juice (puree).

4.4 Carbonated beverage The liquid beverage that is processed and based on food raw and auxiliary materials and (or) food additive, it is aerated with a certain amount of carbon dioxide under a certain condition, such as fruit juice carbonated beverage, fruit flavored carbonated beverage, carbonated cola beverage and other carbonated beverages; it does not include the beverages that produce carbon dioxide by self-fermentation.

4.5 Beverage for special uses The liquid beverage that contains specific contents for all or a certain group of people.

4.6 Flavored beverage The liquid beverage that uses one or more than one types of

substance, such as sugar (including edible sugar and starch sugar) and (or) sweetening agent, acidity regulator, edible essence as the main approach, it is processed or fermented, such as tea beverage, fruit-flavored beverage, milk-flavored beverage, coffee-flavored beverage, flavored water beverage and other flavored beverages.

4.7 Tea beverage The liquid beverage that uses tea or tea water extract or tea concentrated solution, tea powder (including instant tea-powder, grinding tea-powder) or fresh tea leaf as raw materials, adding or not adding other food raw and auxiliary materials and (or) food additive, it is a processed liquid beverage, such as original tea (tea soup)/pure tea beverage, concentrated tea solution, tea beverage, fruit juice and tea beverage, milky tea beverage, mixed tea beverage and other tea beverage.

4.10 Solid beverage The solid product that consists of powder, particle or block made up of food raw and auxiliary materials and food additives; being diluted, it is drinkable, such as flavored solid beverage, fruit and vegetable solid beverage, protein solid beverage, tea solid beverage, coffee solid beverage, botanical solid beverage, solid beverage for special usage and other solid beverages.

4.11 Other beverage The beverages that are excluded from 4.1 ~ 4.10; in which, the beverages that are approved by relevant authorities AND are claimed to have specific health care function ARE DEEMED as functional beverages.

5 Naming

Beverage products can be named according to the classification of Chapter 4, or adopting two or more than two classifications to cross-name the product.

6 Technical Requirements

6.1 Basic requirements shall comply with the stipulation of Table 1.

6.3 The beverages described in 4.2 ~

4.11 and their corresponding beverage syrup, after diluted according to the label, shall meet the technical requirements of Table 1.

6.4 If the product is cross-named with two or more than two classifications, then it shall comply with the basic requirements of the both classifications. The usage of food additives and nutrient supplements shall implement GB 2760 and GB 14880 according to the end-name of the product.

7 Food Safety Requirement

Food safety shall comply with relevant national food safety standards.