

هيئة التقييس لدول مجلس التعاون دول الخليج العربية GCC STANDARDIZATION ORGANIZATION (GSO)

مشروع مواصفة أولي
Draft of Standard DS

اعداد اللجنة الفنية الخليجية رقم TC05

Prepared by GSO Technical Committee No. TC05

المشروبات المنكهة
Flavored drink

I.C.S: 67.160.20

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Foreword

GCC Standardization Organization (GSO) is a regional Organization which consists of the National Standards Bodies of GCC member States. One of GSO main functions is to issue Gulf Standards /Technical regulations through specialized technical committees (TCs).

GSO through the technical program of committee TC No (5) " Technical committee for standards of food and agriculture products " has prepared this Technical regulation. The Draft Technical regulation has been prepared by Saudi Arabia . The draft Technical regulation has been prepared based on relevant ADMO, International and National foreign Standards and references.

This Technical regulation has been approved by GSO Board of Directors in its meeting No.(15), held on / / h (/ /) .

FLAVORED DRINKS

1- SCOPE AND FIELD OF APPLICATION

This standard is concerned with flavored drinks which are non carbonated.

2- COMPLEMENTARY REFERENCES

- 2.1 GSO 1 “Labeling of Prepackaged Foods”.
- 2.2 GSO 150 “Expiration Periods of Food Products - Part 2”.
- 2.3 GSO 21 “Hygienic Regulations for Food Plants and Their Personnel”.
- 2.4 GSO 149 “Un bottled Drinking Water”.
- 2.5 GSO 707 " Flavorings Permitted For Use in Foodstuffs"
- 2.6 GSO 2500 "Food Additives".
- 2.7 GSO 1016 " Microbiological Criteria for Foodstuffs-Part1 "
- 2.8 GSO 995 " Sweeteners permitted for use in food
- 2.9 GSO 839 "Food packages – Part 1: General requirements".
- 2.10 GSO 148 sugar

3- DEFINITIONS

Flavored Drinks: Non-carbonated syrup from water and sugar, with one or more artificial or natural flavorings and additives mentioned in (4.4) and (5.4). Fruit juice (concentrates or concentrates) and / or edible parts of mature fruits (Sound) by less than 10%.

4- REQUIREMENTS

- 4.1 The following requirements shall be met in artificial drink with fruit flavor:
 - 4.1.1 Be free of impurities and separation.
 - 4.1.2 All raw materials used shall comply with the relevant Gulf standards.
 - 4.1.3 The product shall be prepared according to hygienic conditions stated in the Gulf standard mentioned in (2.3).
- 4.2 The water used in the production shall be potable and complying with the Gulf standard mentioned in (2.4)
- 4.3 It shall have the characteristic color and flavor of the product.
- 4.4 Optional materials
 - 4.4.1 Natural sugars: Sucrose, corn syrup, dextrose, honey, invert sugars...,etc. The sugar used in the production shall be potable and complying with the Gulf standard mentioned in (2.10)

- 4.4.2 Artificial sweeteners: Artificial sweeteners permitted for use shall comply with the GSO standard mentioned in (2.8)
- 4.4.3 It is allowed to use fruit juice or concentrated fruit juice as a flavoring agent by less than 10%.
- 4.4.4 Vitamins & Minerals: May use vitamins and minerals that are soluble in aqueous medium with added concentration less than 15% of the daily requirement of the individual, according to WHO recommendations.
- 4.5 Food Additives:
It is permitted to use only food additives in accordance with GSO standard mentioned in item (6.2).
- 4.6 The contaminating mineral elements shall not exceed the following:
Arsenic 0.1 ppm
Lead 0.2 ppm
- 4.7 The flavors used in the production are included and permitted in the Gulf Technical Regulations mentioned in item (5.2)
- 4.8 Microbiological criteria in the product shall not exceed what is stated in the Gulf standard mentioned in (2.7)

5- PACKAGING, TRANSPORTATION AND STORAGE

- 5.1 Packaging
- 5.1.1 The product shall be packaged in clean, hygienic, suitable, hermetically sealed and moisture proof containers and that the packaging comply with the requirements of the Gulf Technical Regulations mentioned in item (9.2)..
- 5.1.2 Packaging should be free from any pictures or an image specify the type of fruit
- 5.2 Transportation
Transportation shall be carried out in such a way as to protect the product from mechanical damage and contamination.
- 5.3 Storage
The product shall be stored in well-ventilated stores far away from sources of heat, moisture and contamination

6- LABELLING

Without prejudice to what is stated in the Gulf standards mentioned in (2.1) and (2.2), the following information shall be declared on the labeling :

- 6.1 The term "Flavored Artificial Drink" with the type of flavor used.
- 6.2 Type of drink, sweetened or not sweetened or with artificial sweeteners.
- 6.3 Amount and type of vitamins and minerals in case of enriching the powder with them.
- 6.4 Nutritional data (the amount of energy in calories, the number of grams of protein, fat, carbohydrates, sugar, vitamins and minerals added) / 100 ml or the package size if was less than that

GSO STANDARD

References

Arab Beverage Association notes.