

# هيئة التقييس لدول مجلس التعاون دول الخليج العربية

## STANDARDIZATION ORGANIZATION FOR G.C.C (GSO)

مشروع تحديث مواصفة نهائي  
Final Draft of Standard FDS

اعداد اللجنة الخليجية رقم TC05  
Prepared by GSO Technical Committee No. TC05

### GSO FDS GSO / 2019

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### CUSTARD POWDER

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هذه الوثيقة مشروع لمواصفة قياسية خليجية تم توزيعها لإبداء الرأي والملاحظات بشأنها، لذلك فإنها عرضة للتغيير والتبديل، ولا يجوز الرجوع إليها كمواصفة قياسية خليجية إلا بعد اعتمادها من الهيئة.

ICS: 67.060

## 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 updated this Standard. The Draft Standard has been prepared by Saudi Arabia . The draft Standard has been**

**This standard has been approved as a Gulf Standard by GSO Technical Council in its meeting No.(29), held on h( ).**

**CUSTARD POWDER**

**1- SCOPE AND FIELD OF APPLICATION**

This standard is concerned with the requirement of custard powder.

**2- COMPLEMENTARY REFERENCES**

- 2.1 GSO 9 “Labelling of Prepackaged Foods”.
- 2.2 GSO 150-2 “Expiration dates for food products-Part 2”.
- 2.3 GSO 21 “Hygienic Regulations for Food Plants and Their Personnel”.
- 2.4 GSO” 382 “Maximum Limits for Pesticide Residues in Agricultural and Food Products”.
- 2.5 GSO 841 “The Maximum Limits of Mycotoxins in Agricultural and Food Products
- 2.6 GSO 1016 “Microbiological Criteria for Foodstuffs”.
- 2.7 GSO CAC 193 “General Standard for contaminants & toxins in food”.
- 2.8 GSO 2500 “Additives Permitted for Use in Food Stuffs”.
- 2.9 GSO 2052“Edible Starch”.
- 2.10 GSO 2055-1 “Halal Food - Part 1 : General Requirement"
- 2.11 GSO 839 " Food packages - PART 1: General requirements "
- 2.12 GSO 1863 Food packages - Part 2: Plastic package – General requirements"
- 2.13 GSO 2534 Modified Starches (Food Grade)

**3- DEFINITIONS**

- 3.1 Custard powder: homogeneous powder or more of food starch to which colored materials and appropriate flavoring materials are added, and one or more of the substances mentioned in Clause 4.15
- 3.2 Jelly: Flexible solid matter in which the liquid stopped from movement by the water particles which responsible for jelling.

**4- REQUIREMENTS**

The following requirements shall be met in product:

- 4.1 It shall be homogeneous and free from blocks.
- 4.2 It shall have a characteristic taste, colour and flavour before and after the preparation according to make up instructions declared on the label.
- 4.3 All materials used in manufacturing shall conform to their relevant GSO standards.
- 4.4 All materials used in manufacturing shall comply with GSO standard mentioned in item (2.10).
- 4.5 The production shall be carried out according to GSO standard mentioned in item (2.3).

## **GSO FDS 2019**

- 4.6 It shall be clean, free from impurities, foreign matter, life insects, fungus and insects infection, and rodents contamination.
- 4.7 Moisture content shall be not more than 12.5%.
- 4.8 Total ash content shall be not more than 0.5 % (on dry weight basis).
- 4.9 Acid insoluble ash shall be not more than 0.05 % (on dry weight basis).
- 4.10 Sulphur dioxide shall be not more than 100 ppm.
- 4.11 Contaminants level in the product shall not exceed the levels mentioned in GSO Standard stated in Item (2.7)
- 2.12 The pesticide residues in the product shall not exceed the levels mentioned in GSO Standard mentioned in Item (2.4).
- 4.13 Microbiological and Mycotoxins limits shall be not more than permitted limit mentioned in item (2.5).
- 4.14 starch shall not be less than of 80%.
- 4.15 The following optional ingredients can be added:
  - 4.15.1 Egg powder.
  - 4.15.2 Milk powder.
  - 4.15.3 Vanilla.
  - 4.15.4 Edible salt.
  - 4.15.5 Starch improvers such as modified starch
- 4.16 Modified Starches used in the production shall comply with GSO standard mentioned in item (2.13).
- 4.16 Starch used in the production shall comply with GSO standard mentioned in item (2.9).
- 4.17 Food additive used in the production shall comply with GSO standards mentioned in item (2.8).

### **5- PACKAGING**

The product shall be packed in compliance with GSO standards mentioned in item (2.10) and (2.11).

### **6- TRANSPORTATION AND STORAGE**

The product shall be transported and stored in clean, well ventilated places which kept and protected the product from damage high temperature and moisture any weather affects insects and rodents infections contamination of chemical pesticides.

### **9- LABELLING**

- 9.1 Labeling shall be comply with GSO standards mentioned in item (2.1) and (2.2)
- 9.2 Use Guidelines

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### References:

- Egyptian standards; ES: 799/ 2005.
- Indian Standard, IS 1007.