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NATIONAL STANDARD OF THE  
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ICS 67.180.20

X 69

**GB/T 35920-2018**

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**General technical rules of oligosaccharides**

低聚糖通用技术规则

**Issued on: February 06, 2018**

**Implemented on: September 01, 2018**

**Issued by: General Administration of Quality Supervision, Inspection and  
Quarantine;**

**Standardization Administration of PRC.**

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# General technical rules of oligosaccharides

## 1 Scope

This standard specifies the terms and definitions, classification, naming methods, technical requirements, test methods and labeling requirements of oligosaccharides.

This standard applies to liquid or solid (powder, crystalline) edible or feed oligosaccharide products made from natural products or their conversion materials as raw materials through enzymatic, acid-base conversion or direct extraction processes.

## 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 standard.

GB 7718 National food safety standard - Standard for nutrition labelling of prepackaged foods

GB 10648 Feed label

GB 13078 Hygienical standards for feeds

GB 14881 National food safety standard - General hygienic regulation for food production

GB 15203 Food safety national standard - Starch sugar

GB/T 16764 Hygienic specification for formula feed enterprises

GB/T 19424-2003 General rules of natural plant additives for feed

GB 28050 National food safety standard - Nutrition label standards of pre-packaged food

## 3 Terms and definitions

The following terms and definitions apply to this document.

c) Named after the main oligosaccharide component in the product.

Example 3: Trehalose, lactulose, isomaltulose, raffinose, stachyose, etc.

## **6 Technical requirements**

### **6.1 Requirements for raw and auxiliary materials**

#### **6.1.1 Edible oligosaccharides**

It shall meet the requirements of relevant national standards or industry standards. The use of food additives shall meet the requirements of corresponding product standards.

#### **6.1.2 Feed oligosaccharides**

The raw materials and auxiliary materials used in the production of feed oligosaccharide products shall comply with the provisions of 6.1 of GB/T 19424-2003.

### **6.2 Sensory requirements**

It shall meet the national standards or industry standards of the corresponding products.

### **6.3 Physical and chemical indicators**

#### **6.3.1 Basic requirements**

It shall meet the national standards or industry standards of the corresponding products.

#### **6.3.2 Contents of the iconic components of functional oligosaccharides**

Functional oligosaccharides in functional oligosaccharide products (e.g., isomaltose, panose and isomaltose in isomalto-oligosaccharides) shall meet the requirements of corresponding national standards or industry standards. The content of the functional oligosaccharide component (based on dry basis) which has no corresponding national standard or industry standard shall be more than 50%.

### **6.4 Product hygienic requirements**

#### **6.4.1 Edible oligosaccharides**

It shall meet the requirements of GB 15203.

#### **6.4.2 Feed oligosaccharides**

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