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

**GB/T 24395-2009**

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**Adsorption resin for food industrial use**

食品工业用吸附树脂

**(English Translation)**

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### Foreword

This standard was proposed by and shall be under the jurisdiction of the China National Institute of Standardization.

Responsible drafting organization of this standard. Tianjin Institute of Product Quality Supervision and Monitoring Technology.

Participated drafting organizations of this standard. Tianjin Ou Rui Biological Technology Co., Ltd., Jiangsu Suqing Water Treatment Engineering Group Co., Ltd.

### 1 Scope

This standard specifies the requirements, test methods, inspection rules, marking, packaging, product specifications, transportation and storage of adsorption resins for food industrial use.

This standard applies to the adsorption resins for food industrial use which, using styrene, divinylbenzene, acrylic esters, acrylonitrile, etc. as polymerized monomers, and using toluene, liquid paraffin, etc. as porogens, is copolymerized under the action of initiators.

## **2 Normative references**

The provisions in following documents become the provisions of this Standard through reference in this Standard. For the dated references, the subsequent amendments (excluding corrections) or revisions do not apply to this Standard; however, parties who reach an agreement based on this Standard are encouraged to study if the latest versions of these documents are applicable. For undated references, the latest edition of the referenced document applies.

GB/T 191 Packaging - Pictorial marking for handling of goods

GB/T 5475 Methods for sampling ion exchange resins

### **3.1 General requirements**

Appearance. Uniform spherical shape without visible impurities.

### **3.2 Special requirements**

See Table 1 for special requirements.

## **4 Test method**

It is determined according to the method specified in GB/T 24396.

### **5.1 Inspection classification and inspection items**

This product inspection is divided into exit-factory inspection and type inspection.

### **5.2 Group-batch**

Take the product produced in each kettle as an inspection batch.

### **5.3 Sampling**

Carry out sampling in accordance with the provisions of GB/T 5475. Take 2 kg from each batch, wherein 1 kg is used as the test sample and 1 kg is used as the standby sample. Put them into two clean airtight containers, respectively.

## **6 Marking, packaging, transportation, storage and**

product manual

### **6.1 Marking**

The product marking shall comply with the requirements of GB/T 191. Each batch of products shall have a quality inspection report.

### **6.2 Packaging**

Products shall be packed in containers lined with plastic bags. Each package shall be accompanied by a certificate of conformity.

### **6.3 Transportation and storage**

During transportation and storage, this product shall be kept in an environment of 4 °C ~ 40 °C; sealed and stored; avoided from over-cooling or over-heating, thereby preventing the resin from losing moisture.

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