



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

中华人民共和国国家标准

GB 29946–2013

National Standard of Food Safety

Food Additive Cellulose

食品安全国家标准

食品添加剂 纤维素

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National Standard of Food Safety

Food Additives Cellulose

1 Scope

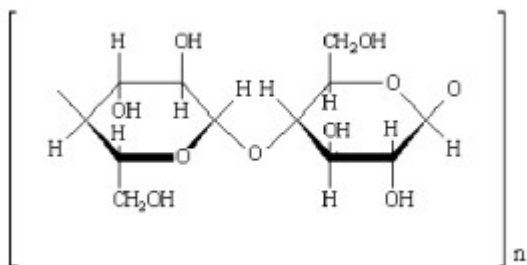
This standard is applicable to the food additive cellulose which taking the α -cellulose pulp derived from fibrous plants as raw material and is obtained after purification and mechanical pulverization.

2 Molecular formula, structural formula and relative molecular mass

2.1 Molecular formula

$(C_{12}H_{20}O_{10})$

2.2 Structural formula



2.3 Relative molecular mass

$(324)_n$ (According to international relative atomic mass in 2007, n is generally greater than 500).

3 Technical requirements

3.1 Sensory requirements

Sensory requirements shall comply with the provisions in Table 1.

Table 1 Sensory requirements

Items	Requirements	Inspection methods
Color	White	Place a proper amount of sample in a white porcelain, and observe the color and status in natural light
Status	Powder, granular or flaky	

3.2 Physicochemical indicators

Physicochemical indicators shall comply with the provisions of Table 2.



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