



GB 14963-2011

National food safety standard Honey

食品安全国家标准 蜂蜜

The Ministry of Health of the
People's Republic of China

Translated by Chemlinked

Date of Publication: Apr. 20, 2011

Date of Implementation: Oct. 20, 2011


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National Standard of People's Republic of China

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National food safety standard

Honey

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Foreword

This standard replaces the corresponding indicators in GB 14963–2003 “Hygienic standard for honey” and GB 18796–2005 “Honey”.

Compared with GB 14963–2003, the major changes of this standard are as follows:

- the scope has been revised;
- the definition of honey has been added;
- the raw material requirements have been revised to nectar source requirements, and the names of the main toxic nectariferous plants species have been defined;
- the sensory requirements have been revised;
- the physicochemical indicators have been revised;
- the requirements on maximum levels of contaminants, veterinary drug residues and pesticide residues have been added;
- the requirements for counting of osmophilic yeast have been added.

National Food Safety Standard Honey

1 Scope

This standard applies to honey, but does not apply to honey products.

2 Terms and Definitions

Honey

It refers to natural sweet substance fully brewed from the mixture of nectar, secretion or honeydew of plants collected by bees and their secretion.

3 Technical Requirements

3.1 Nectar Source Requirements

It refers to natural sweet substance fully brewed from the mixture of nectar, secretion or honeydew of plants collected by bees and their secretion.

3.2 Sensory Requirements

Sensory requirements shall comply with the provisions of Table 1.

Table 1 Sensory Requirements

Items	Requirements	Test methods
Color	According to the differences of nectar source species, it shows from water white (nearly colorless) to deep color (dark brown)	Test according to the corresponding method specified in SN/T 0852
Taste and odor	With unique taste, odor and no foreign odor	
State	Viscous fluid or partial and complete crystal at room temperature	Observe the state under natural light and check whether there is any impurity or not
Impurity	It shall not contain bee bodies, larva, wax crumbs and visible foreign matters by naked eyes (excluding the comb honey containing wax crumbs)	

3.3 Physicochemical indicators

Physicochemical indicators shall comply with the provisions of Table 2.

Table 2 Physicochemical indicators

Items	Indicators	Test Methods
Fructose and glucose/(g/100g) ≥	60.0	GB/T 18932.22
Sucrose/(g/100g)	10	
Eucalyptus , citrus, alfalfa, litchi and wild osmanthus yunnanensis honey ≤		
Other honey ≤		
Zinc (Zn)/(mg/kg) ≤	25	GB/T 5009.14

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