

ICS 67.180.10
CCS B 47

NY

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

NY/T 2822-2015

**Speciation determination of arsenic and mercury in bee
products. Atomic fluorescence spectrometry**

蜂产品中砷和汞的形态分析原子荧光法

(English Translation)

Issued on: October 9, 2015

Implemented on: December 1, 2015

Issued by: Ministry of Agriculture of the People's Republic of China

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What this standard covers

This standard specifies the method for the determination of arsenic and mercury in honey, bee pollen, royal jelly and its lyophilized powder by atomic fluorescence spectrometry. This standard is applicable to the determination of inorganic arsenic (the sum of arsenate and arsenite) in honey, bee pollen, royal jelly and its lyophilized powder, methylmethanoic acid (MMA), dimethylmalonic acid (DMA), inorganic mercury, Determination of methylmercury and ethylmercury. The limits of detection of this method are: inorganic mercury, methylmercury and ethylmercury, respectively, 2.0?g/kg, 0.80?g/kg and 0.10?g/kg, inorganic arsenic, monomethyl-acid, Was 10 ?g/kg. The limits of quantification for this standard are: inorganic mercury, methylmercury and ethylmercury, respectively 6.0?g/kg, 2.40?g/kg and 0.30?g/kg, inorganic arsenic,

Document data

International classification (ICS): 67.180.10.

Chinese classification (CCS): B47.

Estimated length of the Chinese original: 10,176 words.

Standards quoted by this document

GB/T 6682