

ICS 67.050  
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**NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC  
OF CHINA**

**中华人民共和国国家标准**

GB/T 23208-2008

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**Determination of 450 pesticides and related chemicals  
residues in fugu eel and prawn - LC-MS-MS method  
河豚鱼、鳗鱼和对虾中 450 种农药及相关化学品残留量的测  
定 液相色谱-串联质谱法**

**Issued on Dec 31, 2008**

**Implemented on May 01, 2009**

**Issued by** General Administration of Quality Supervision, Inspection and Quarantine  
of the People's Republic of China  
Standardization Administration of the People's Republic of China (SAC)

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# **Determination of 450 pesticides and related chemicals residues in fugu eel and prawn - LC-MS-MS method**

## **1. Scope**

This standard specifies the gas chromatography-mass spectrometry (LC-MS-MS) method for determination of 450 pesticides and related chemicals residues in puffer fish, sea eel and prawn (see Annex A and Annex E).

This standard is applicable to the qualitative identification of 450 sorts of pesticides and related chemicals in puffer fish, sea eel and prawn, as well as to the quantitative identification of 380 sorts of pesticides and related chemicals.

The detection limit of the method for quantitative determination of 380 pesticides and related chemicals in this standard is 0.02 $\mu$ g/kg - 0.195mg/kg (see Annex A).

## **2. Normative References**

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 6379.1 Accuracy (trueness and precision of measurement methods and results - Part 1: General principles and definitions (GB/T 6379.1-2004, ISO 5725-1: 1994, IDT)

GB/T 6379.2 Accuracy (trueness and precision) of measurement methods and results - Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method (GB/T 6379.2-2004, ISO 5725-2: 1994, IDT)

GB/T 6682 Water for analytical laboratory use - Specification and test methods (GB/T 6682-2008, ISO 3696: 1987, MOD)

GB/T 9695.19 Meat and meat products – Sampling (GB/T 9695.19-1998, neq ISO/DIS 3100-1: 1984)

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