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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 23202-2008

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**Determination of 440 pesticides and related chemicals  
residues in mushrooms - LC-MS-MS method**  
**食用菌中 440 种农药及相关化学品残留量的测定**  
**液相色谱-串联质谱法**

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Standardization Administration of the People's Republic of China (SAC)

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# **Determination of 440 pesticides and related chemicals residues in mushrooms - LC-MS-MS method**

## **1. Scope**

This standard specifies the liquid chromatography - tandem mass spectrometry (LC-MS-MS) method for determination of 440 pesticides and related chemicals residues in nameko, needle mushroom, black fungus and lentinus edodes (see Annex A and Annex E).

This standard specifies the qualitative identification for 440 pesticides and relevant chemicals in nameko, needle mushroom, black fungus and lentinus edodes as well as the quantitative determination for 364 pesticides and relevant chemicals.

The detection limit of the method for quantitative determination of 364 pesticides and related chemicals in this standard is 0.06 ug/kg – 0.61 mg/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)

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