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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 20772-2008
Replace GB/T 20772-2006

**Determination of 461 pesticides and related chemicals
residues in animal muscles - LC-MS-MS method
动物肌肉中 461 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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Determination of 461 pesticides and related chemicals residues in animal muscles - LC-MS-MS method

1. Scope

This standard specifies the determination method of liquid chromatography - tandem mass spectrometry (LC-MS-MS) for 461 pesticides residues in pork, beef, mutton, rabbit meat and chicken (see Annex A and Annex E).

This standard is applicable to qualitative identification of 461 pesticides and related chemicals residues in pork, beef, mutton, rabbit meat and chicken, and also is applicable to quantitative determination of 396 pesticides and related chemicals residues.

The detection limit of the method for quantitative determination of 396 pesticides and related chemicals in this standard is 0.04 μ g/kg - 4.82 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)

GB/T 9695.19 Meat and meat products – Sampling

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