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

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GB/T 23206-2008
Partial Replace GB/T 20771-2006

**Determination of 512 pesticides and related chemicals
residues in fruit juice vegetable juice and fruit wine -
LC-MS-MS method**

**果蔬汁、果酒中 512 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 512 pesticides and related chemicals residues in fruit juice vegetable juice and fruit wine - LC-MS-MS method

1. Scope

This standard specifies the liquid chromatography - tandem mass spectrometry (LC-MS-MS) method for determination of 512 pesticides and related chemicals residues in the juice of orange, apple, grape, cabbage, and carrot, as well as dry wine, semi-dry wine, semi-sweet wine and sweet wine (see Annex A and Annex E).

This standard is applicable to the qualitative identification of 512 sorts of pesticides and relevant chemicals in the juice of orange, apple, grape, cabbage, and carrot, as well as the dry wine, semi-dry wine, semi-sweet wine and sweet wine. It can also be applicable to the quantitative identification of residue of 490 sorts of pesticides and relevant chemicals.

The detection limit of the method for quantitative determination of 490 pesticides and related chemicals in this standard is 0.01 μ g/kg - 1.60mg/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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