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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 23210-2008

**Determination of 511 pesticides and related chemicals
residues in milk and milk powder—GC-MS method
牛奶和奶粉中 511 种农药及相关化学品残留量的测定
气相色谱-质谱法**

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Contents

1. Scope.....	1
2. Normative References.....	1
3. Principle.....	2
4. Reagents and materials.....	2
5. Instruments.....	3
6. Sample preservation.....	4
7. Determination steps.....	4
8. Calculation of results.....	6
9. Precision.....	7

Determination of 511 pesticides and related chemicals residues in milk and milk powder—GC-MS method

1. Scope

This standard specifies the gas chromatography - mass spectrometry (GC-MS) method for determination of 511 pesticides and related chemicals residues in milk and milk powder (see Annex A and Annex E).

This standard is applicable to the qualitative identification of 504 pesticides and related chemicals in milk, as well as the quantitative identification of 487 pesticides and related chemicals. Be applicable to the qualitative identification of 504 sorts of pesticides and related chemicals in the milk powder as well as the quantitative identification of 489 sorts of pesticides and related chemicals.

The detection limit of the method for quantitative determination of 487 pesticides and related chemicals in this standard is 0.0008 mg/L \sim 0.4 mg/L (see Annex A). The detection limit of the method for quantitative determination of 489 pesticides and related chemicals in this standard is 0.0042 mg/kg - 2.0 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)

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