



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 20762-2006

**Method for the determination of lincomycin oleandomycin  
erythromycin tilmicosin tylosin clindamycin spiramycin kitasamycin  
and josamycin residues in livestock and poultry muscles -  
LC-MS-MS method**

**畜禽肉中林可霉素、竹桃霉素、红霉素、替米考星、泰乐菌素、  
克林霉素、螺旋霉素、吉它霉素、交沙霉素残留量的测定  
液相色谱-串联质谱法**

**Issued on December 31, 2006**

**Implemented on March 01, 2007**

**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**

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## **Foreword**

Annex A and Annex B of this Standard are informative annex.

This Standard is proposed by Qinhuangdao Entry-Exit Inspection and Quarantine Bureau

This Standard is under the jurisdiction of General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China.

Chief draft units of this Standard: Qinhuangdao Entry-Exit Inspection and Quarantine Bureau.

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This Standard is firstly issued.

**Method for the determination of lincomycin oleandomycin  
erythromycin tilmicosin tylosin clindamycin spiramycin kitasamycin  
and josamycin residues in livestock and poultry muscles -  
LC-MS-MS method**

## **1 Scope**

This standard specifies the determination method of liquid chromatogram - tandem mass spectrum for lincomycin, oleandomycin, erythromycin, tilmicosin, tylosin, clindamycin, spiramycin, kitasamycin and josamycin residual liquid in beef, pork, mutton and chicken.

This standard applies to the determination method of liquid chromatogram - tandem mass spectrum for lincomycin, oleandomycin, erythromycin, tilmicosin, tylosin, clindamycin, spiramycin, kitasamycin and josamycin residual liquid in beef, pork, mutton and chicken.

The detection limit of the method in this standard: The lincomycin, oleandomycin, erythromycin, tilmicosin, tylosin, clindamycin, spiramycin, kitasamycin and josamycin are 1.0 $\mu$ g/kg.

## **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 6379.1-2004, ISO 5725-1: 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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