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

SN/T 2206.6-2010

**Determination of microbiological in cosmetics. Part 6:
Clostridium tetani
(English Translation)**

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Foreword

SN/T 2206 "cosmetic microbiological test method" is divided into the following sections.

- Part 1. Salmonella;
- Part 2. aerobic Bacillus subtilis and Bacillus cereus;
- Part 3. Klebsiella pneumoniae;
- Part 4. Streptococcus;
- Part 5. Enterococcus;
- Part 6. Clostridium tetani.

This section SN/T 2206 Part 6.

This section of Appendix A normative appendix.

This section proposed and managed by the National Certification and Accreditation Administration Committee.

1 Scope

This section SN/T 2206 specifies the method for the detection of Clostridium tetani in cosmetics.

This section applies to all types of Clostridium tetani cosmetics testing.

2 Normative references

The following documents contain provisions which, through reference SN/T 2206 and become part of the provisions of this section. For dated references, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encourage the agreement on this section Whether the parties can study the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 19489 Laboratory Biosafety General Requirements Hygienic Standard for Cosmetics (Ministry of Health, 2007)

3 Method summary

According Clostridium tetani unique morphology, biological characteristics and cultural characteristics, using anaerobic culture method, application of blood agar plates were isolated, and produce beta-hemolytic ring according to the strain on blood agar around the colony, was migratory growth of Clostridium Gram-positive, catalase-negative and other special Sign certificates for identification, to mice virulence test results for the final determination of possible cosmetic Clostridium tetani qualitative test.

4 Equipment and Materials

4.1

Incubator. $36\text{ }^{\circ}\text{C} \pm 1\text{ }^{\circ}\text{C}$.

4.2

microscope.

4.3

anaerobic culture apparatus.

4.4

Balance. Range 1kg, a sense of the amount of 0.1g.

4.5

Sterilization of sample preparation equipment. sampling spoon, scissors and so on.

4.6

Sample dilution bottles, test tubes, straws, plates, ring vaccination, slides and so on.

4.7

Syringe. 1mL.

4.8

mice.

5 Medium and reagents

5.1

NS (see Appendix A A.1 chapter).

5.2

cooked meat medium (see Appendix A, Section A.2 chapter).

5.3

blood agar plates (see Appendix A A.3 chapter).

5.4

Gram staining solution.

5.5

catalase test reagent.

5.6

tetanus antitoxin.

6.1 Tests

Clostridium tetani testing procedures shown in Figure 1.