

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

SN/T 2206.8-2013

**Determination of microbiological in cosmetics - Part 8: Candida
albicans**

(English Translation)

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Foreword

SN/T 2206 "cosmetic microbiological test method" is divided into 13 parts.

- 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;
- Part 7. Western blot detection of BSE pathogen;
- Part 8. Candida albicans;
- Part 9. bile acid tolerance Gram-negative bacteria;
- Part 10. Staphylococcus aureus PCR method;
- Part 11. Staphylococcus aureus multiplex real-time PCR method;
- Part 12. Pseudomonas aeruginosa PCR method;
- Part 13. maltophilia Aeromonas.

This section SN/T 2206 Part 8.

This section drafted in accordance with GB/T 1.1-2009 given rules.

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

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 *Candida albicans* in cosmetics.

This section applies to cosmetics detect *Candida albicans*.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 7918.1 Cosmetics Standard methods of microbiological General SN/T 1538.1 media preparation Guide - Part 1. General laboratory quality assurance prepared medium SN/T 1538.2 media preparation Guide Part 2. A Practical Guide to medium performance test

3 Terms and Definitions

The following terms and definitions apply to this document.

Candida albicans *Candidaalbicans* Also known as *Candida albicans* is widely present in a conditioned nature of pathogenic fungi, may also be present in normal human oral cavity, upper respiratory tract, Intestine and vagina, generally in the normal body in small quantities, do not cause disease, when the body's normal flora or resistance is lowered can cause candidiasis disease. When tested according to the method specified in this standard, *Candida albicans* in the selection culture Giza's dextrose agar surface white to pale Brown, smooth, raised colonies; the main features of the performance of *Candida albicans* germ tubes can be formed, which can produce false hyphae and chlamydospores.

Chlamydospores *clamydospore* Spores under adverse environmental conditions into the dormant period, mycelium concentrated cytoplasm, cell wall thickening and the formation of a special structure under the microscope the performance of the top or short side branches mycelium spore wall thickness, strong refraction large spherical spores. Chlamydospores still has the ability to reproduce.

Germ tube *Germtube*

From yeast *Candida albicans* hyphae toward a phase transition in the early form of false mycelium, is based on the identification of *Candida albicans*. bud Tube formation is closely related to *C. albicans* virulence enhanced.

4 Instruments, apparatus and standard strain

4.1

water bath. $45\text{ }^{\circ}\text{C} \pm 1\text{ }^{\circ}\text{C}$.

Thermometer 4.2. $1\text{ }^{\circ}\text{C} \sim 55\text{ }^{\circ}\text{C}$, sub-scale $0.1\text{ }^{\circ}\text{C}$.

4.3

Incubator. $36\text{ }^{\circ}\text{C} \pm 1\text{ }^{\circ}\text{C}$, $30\text{ }^{\circ}\text{C} \pm 1\text{ }^{\circ}\text{C}$.

4.4

inoculating loop. diameter 3mm.