

Translated English of Chinese Standard: SN/T 1888.4-2007

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**SN**

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

SN/T 1888.4-2007

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**Hygienic standard for export and import irradiated  
food containers and packaging materials—Part 4:  
Products of polyethylene**

**进出口辐照食品包装容器及材料卫生标准**

**第 4 部分：聚乙烯成型品**

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Quarantine of the People's Republic of China**

## Table of Contents

|  |   |
|--|---|
| <b>Foreword</b> .....                          | 3 |
| <b>1 Scope</b> .....                           | 4 |
| <b>2 Normative references</b> .....            | 4 |
| <b>3 Terms and definitions</b> .....           | 4 |
| <b>4 Requirements</b> .....                    | 5 |
| <b>5 Inspection methods</b> .....              | 6 |
| References and Original Chinese Documents..... | 8 |

## Foreword

SN/T 1888 “*Hygienic Standard for Import and Export Irradiated Food Containers and Packaging Materials*” is divided into ten parts:

- Part 1: Polypropylene resin;
- Part 2: Products of polypropylene;
- Part 3: Products of nylon;
- Part 4: Products of polyethylene;
- Part 5: Products of PVC;
- Part 6: Polystyrene resin;
- Part 7: Products of polystyrene;
- Part 8: Vinylidene chloride-vinyl chloride copolymer resin;
- Part 9: PVC resin;
- Part 10: Polycarbonate resin.

This Standard is the fourth part of SN/T 1888.

This Standard is proposed by and under jurisdiction of National Certification, Accreditation and Inspection Management Committee.

The drafting organizations of this Standard: Tianjin Entry-exit Inspection and Quarantine Bureau of the People's Republic of China, etc.

Main drafters of this Standard: Wang Libing, Liu Jinfeng, Gui Jiayang, Liu Yongsheng, Pang Zhen, Jiang Xuefeng.

This Standard is the first-time published Industry standard for Entry-exit Inspection and Quarantine.

## **Hygienic standard for export and import irradiated food containers and packaging materials—Part 4: Products of polyethylene**

### **1 Scope**

This Standard of SN/T 1888 specifies hygiene standards and analytical methods for products of polyethylene used for export and import irradiated food packaging.

This Standard applies to containers, packaging container and food industrial equipments, which uses polyethylene resin as raw material, of import and export irradiated food.

### **2 Normative references**

The articles contained in the following documents have become this Standard of SN/T 1888 when they are quoted herein. For the dated documents, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents, the latest edition shall be applicable to this Standard.

GB/T 5009.60 Analytical method of hygienic standard of products of polyethylene, polystyrene and polypropylene for food packaging

GB 9685 Hygienic standards for use of additives in food containers and packaging materials

GB/T 18524 Codex general technical requirement for food irradiation

### **3 Terms and definitions**

For the purpose of this Standard of SN/T 1888, the following terms and definitions apply.

#### **3.1**

##### **Irradiated food**

In order to achieve some practical purposes, the food irradiated by certain dose of ionizing radiation under the requirements of irradiation process specification.

#### **3.2**

##### **Absorbed dose**

According to GB/T 5009.60

#### **5.4 Consumption of potassium permanganate**

According to GB/T 5009.60

#### **5.5 Heavy metals**

According to GB/T 5009.60

#### **5.6 De-colorization test**

According to GB/T 5009.60

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## References and Original Chinese Documents

[1] SN/T 1888.4-2007 Import and export of irradiated food packaging containers and materials hygiene standards - Part 4: polyethylene products.

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