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Preface

This standard replaces GB 2762-2005, Maximum Levels of Contaminants in Foods.

Compared to GB 2762-2005, the main changes are as follows:

- Revised the name of the standard;
- Added the definition of “edible parts”;
- Added application provisions;
- Cancelled maximum levels of selenium, aluminium and fluorine;
- Added maximum levels of tin, nickel, 3-chloro-1, 2-propanediol and nitrate;
- Adjust the indicators of maximum levels of N-nitrosamine from N-Nitrosodimethylamine and N-dimethylnitrosamine to N-Nitrosodimethylamine
- Added Appendix A;
- The maximum levels for rare earth are still according to GB 2762-2005;

National Food Safety Standard Maximum Levels of Contaminants in Foods

1 Scope

This Standard stipulates the maximum levels of lead, cadmium, mercury, arsenic, tin, nickel, chromium, nitrite, nitrate, benzo (a) pyrene, N-nitrosamines, polychlorinated biphenyls (PCBs), 3-chloro-1 and 2-propanediol in foods.

2 Terms and definitions

2.1 Contaminant

Contaminant refers to any chemical hazardous substance that is unintentionally added into food during the production (including crops planting, animals feeding and veterinary drugs application), processing, packaging, storage, transportation, sales and consumption of foods or resulting from environmental pollution.

The contaminant in this Standard refers to those other than pesticide, veterinary drugs, biotoxins and radioactive substances.

2.2 Edible parts

Edible parts refer to parts obtained from the food raw materials after the inedible parts of the food raw materials are removed by mechanical means (such as the grains are milled, the fruit is peeled, the nuts are shelled, bones are removed from meat or fish, the shellfish is shelled, etc.)

Note 1: The removal of non-edible parts cannot resort to any non-mechanical means (such as getting refined vegetable oil from unrefined vegetable oil)

Note 2: when the same food raw material is used for producing different food products, the amount of edible part should be determined based on process techniques, for example, when wheat is made into cereal or whole wheat noodle, the edible part is 100%, when made into flour, it shall be discounted according to flour yield.

2.3 Maximum level

GB 2762-2012

Food type(Name)	Maximum level (in Cd)/ (mg/kg)
■ Canned fish (excluding canned anchovy and sailfish) ◆ canned anchovy and sailfish ■ Other fish products (excluding canned anchovy and sailfish) ◆ canned anchovy and sailfish	0.2 0.3 0.1 0.3
Egg and egg products	0.05
Condiments ● Edible salts ● Fish condiments	0.5 0.1
Beverages ● Packed drinking water (excluding mineral water) ■ Mineral water	0.005 mg/L 0.003 mg/L

^a paddy is measured in unpolished rice

4.2.2 Testing method: according to GB/T 5009.15

4.3 Mercury

4.3.1 See Table 3 for indicators of maximum levels of mercury in foods.

Table 3. Indicators of Maximum Levels of Mercury in Foods

Food type(Name)	Maximum level (in Hg) Mg/kg	
	Total mercury	Methyl Mercury ^a
Aquatic animals and their products (excluding predatory fish and their products)	—	0.5
● Predatory fish and their products	—	1.0
Grain and their products ● Paddy ^b, unpolished rice, rice, corn, corn, corn flour (dregs, slice), wheat, wheatmeal	0.02	—
Vegetables and their products ● Fresh vegetables	0.01	—
Edible fungi and their products	0.1	—
Meat and meat products ● Meat	0.05	—
Milk and milk products ● raw milk, pasteurized milk, sterilized milk,	0.01	—

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