

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

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Replacing GB/T 11915-1989; GB 6816-1986

Water quality. Vocabulary. Part 5

水质 词汇 第五部分

(English Translation)

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- 2.41 Acclimation
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- 2.44 Inhibitors inhibitor
- 2.45 Protozoa
- 2.46 Eukaryotic
- 2.47 Carcinogen; carcinogenic substance
- 2.48 Mutagens mutagen
- 2.49 Most probable number most probable number, MPN

Foreword

To implement the "People's Republic of China Environmental Protection Law", "People's Republic of China Water Pollution Prevention Law," protecting the environment, safeguarding human health Kang, standardized quality vocabulary, the development of this standard.

This standard is the "quality first and second portions Vocabulary" (GB 6816-86) and "Water quality - Vocabulary - Part III Part VII "(GB 11915-89) amendments.

This standard were first issued in 1986 and 1989, the original drafter of China National Environmental Monitoring Center, this is the first revision.

The revised standard is divided into seven parts.

1. Water quality - Vocabulary section;
2. The second part of the vocabulary of water quality;
3. Water quality - Vocabulary - Part III;
4. Water quality - Vocabulary - Part IV;
5. Water Vocabulary Part V;
6. Water quality - Vocabulary - Part VI;

7. Water quality - Vocabulary - Part VII.

Words defined in this section is designed for term water quality characteristics provided mainly include "Water quality - Vocabulary - Part V," and the term Define (including the corresponding English terminology), it Terminology published at home and abroad may be the same, but when applied to different areas, they the definition may be different.

This section vocabulary equivalent to international standards "Water quality - Vocabulary - Part 5" (ISO 6107.5-2004), with English terms ISO 6107.5-2004 consistent. Some entries may appear twice, but the interpretation is different for different situations to explain.

From the date of implementation of this standard, the former State Environmental Protection Agency October 10, 1986 approved by the State Environmental Protection issued the standard "water Vocabulary quality first and second portions "(GB 6816-86) and the former State Environmental Protection Agency December 25, 1989 approved, release Environmental Standards "Water quality - Vocabulary - Part III - Part VII" (GB 11915-89) abolished.

This standard is developed by the Ministry of Environmental Protection Science, Technology organization.

This standard is mainly drafted by. China National Environmental Monitoring Center, the Liaoning Provincial Environmental Monitoring Experiment Center.

This standard MEP November 5, 2010 for approval.

This standard since March 1, 2011 implementation.

The standard explanation by the Ministry of Environmental Protection.

Water Vocabulary Part V

1 Scope

This standard specifies the terms provided specifically for the characteristics of water quality.

2.1 Shore filter bank filtration

Boot river shore through the gravel filter to improve water quality.

Note: The use of such percolation method is the well water pumped gravel layer to form a pressure gradient.

2.2 Conservative substances conservative substance; persistent substances persistent substance; difficult to break down recalcitrant substances substance; refractory materials refractory substance Natural processes can not change its chemical composition, or change very slowly substances. For example, in the sewage treatment process, not

biodegradable Substances.

2.3 Pathogen

Capable of susceptible plants, animals (including humans) in vivo biological causes of the disease.

2.4 Enterovirus enteric virus

Can in the human and animal gastrointestinal virus propagation.

2.5-point source pollution point source pollution Determined by the point sources of pollution generated. Such as pollution of factory effluent (discharge of industrial waste water pollution).

2.6 PAHs polynuclear aromatic hydrocarbons, PAH

Organic compounds containing two or more benzene rings, which rings share two adjacent carbon atoms, there may be a non-aromatic hydrocarbon rings.

Note: Some PAHs, including benzo [a] pyrene, indeno [1,2,3-cd] pyrene and benzo [b] fluoranthene, has been shown to be carcinogenic in experimental animals, people may Body cancer.

2.7 Zooplankton

Plankton fauna class.

2.8 Plankton

Rafting or biological suspended in water. Mainly by small plant or animal composition, including poor exercise capacity of the larger species.

2.9 Phytoplankton

Plankton flora category.

2.10 Humic acid humic acids

In alkaline solution dissolved in the acid solution and precipitated humus component.

2.11 Humus humic substances

An amorphous complex macromolecular polymeric organic material. Animals and plants are in the soil and sediment humification product, make surface water presents Yellowish brown features.