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

GB/T 15805.6-2008

Replacing GB/T 15805.1-1995

**The quarantine methods of fish -- Part 6: *Aeromonas
salmonicida***

鱼类检疫方法 第6部分：杀鲑气单胞菌

(English Translation)

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Reagents and materials
- 4 Systems and equipment
- 5 *Aeromonas salmonicida* isolated
- 5.1 Sampling
- 5.2 Selective medium separation

Foreword

GB/T 15805 "Fish quarantine method" is divided into the following sections.

- Part 1. Infectious pancreatic necrosis virus (IPNV);
- Part 2. Infectious hematopoietic necrosis virus (IHNV);
- Part 3. viral hemorrhagic septicemia virus (VHSV);
- Part 4. channel catfish virus (CCV);
- Part 5. Spring viremia of carp virus (SVCV);
- Part 6. *Aeromonas salmonicida*;
- Part 7. Brain Myxosoma;

This section GB/T 15805 Part 6.

This Part replaces GB/T 15805.1-1995 "freshwater fish quarantine method of the first part of the" in Chapter 8.

This part of GB T 15805.1-1995 Chapter 8 of the main changes compared to/as follows.

- Deleting the clinical examination;
- Common API with an international identification system to determine *Aeromonas salmonicida*, replace the original with a few simple biochemical test results to determine Methods;
- Increase in Appendix "*Aeromonas salmonicida* subspecies biochemical characteristics table";

--- Structured format according to the provisions of GB/T 1.1-2000 as part of the preparation.

This section of Appendix A normative appendix.

This section proposed by the People's Republic of China Ministry of Agriculture.

This part of the National Standardization Technical Committee under the jurisdiction of Fisheries.

1 Scope

GB/T 15805 in this section specifies the method for separating and detecting biochemical identification of bacterial pathogens --- furunculosis *Aeromonas salmonicida* bacteria method.

This section applies to kill salmon *Aeromonas* Isolation and identification, boils disease epidemiology, diagnosis, monitoring, and entry and exit ports, Domestic inter-regional movement of fish quarantine.

2 Normative references

The following documents contain provisions which, through reference GB/T 15805 in this section constitute provisions of this section. For dated references, all subsequent amendments (excluding corrections) or revisions do not apply to this section, however, encourage an agreement under this section Parties to study the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

Laboratory use specifications and test methods (. 1987 neq ISO 3696) GB/T 6682-1992 Analysis GB/T 18088-2000 entry-exit quarantine of animals sampled

3 Reagents and materials

3.1

Water. GB/T 6682-1992, two.

3.2

Aeromonas salmonicida reference strains. designated by the Ministry of Agriculture, Animal pathogenic microorganisms (viruses) preservation agencies.

3.3

API20NE reagent strip. 4 °C preservation. Using the method according to the instructions indicated.

3.4

Gram stain solution. according to the method of using the manual instructions.

3.5

TSA medium. prepared according to the method indicated in the instructions.

3.6

oxidase test paper. the method according to the instructions indicated use.

4 Systems and equipment

4.1

incubator.

4.2

centrifuges and centrifuge tubes.

4.3

microscope (with oil immersion, dark field), slides, cover slips.

4.4

ordinary refrigerator and deep freezer.

4.5

scissors, tweezers, ring vaccination, petri dishes.

5.1 Sampling

Performed in GB/T 18088-2000 requirements. If the fish have inflamed ulcer with a scalpel to cut the affected area (or the ulcer), a clean Snap lesions and extrusion slides, add 1 to 2 drops of saline drops cover glass 400 times to 600 times the microscopic morphology and cell-like motion State and do Gram stain.

If the fish body without any symptoms, you need to separate the bacteria from the kidneys.

5.2 Selective medium separation

The sample was inoculated into TSA medium, 25 °C culture 72h. Will grow white colonies on TSA (Note. some subspecies produce water