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

GB/T 47226-2026

Replacing GB/T 15805.6-2008

Diagnostic methods for *Aeromonas salmonicida* disease

杀鲑气单胞菌病诊断方法

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Standardization Administration of the PRC**

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 15805.6-2008 "Fish Quarantine Methods Part

6. *Aeromonas salmonicidae*", and is consistent with GB/T 15805.6- Compared to 2008, aside from structural adjustments and editorial changes, the main technical changes are as follows:

---The reagents and materials have been changed (see Chapter 5, Chapter 3 of GB/T 15805.6-2008);

---The instruments and equipment have been modified (see Chapter 6, Chapter 4 of GB/T 15805.6-2008);

---Added clinical symptoms (see Chapter 7);

---Sampling has been modified (see Chapter 8, 5.1 of GB/T 15805.6-2008);

---The bacterial isolation method has been modified (see Chapter 9, 5.2 of GB/T 15805.6-2008);

---The physiological and biochemical identification methods have been modified (see Chapter 10,

5.3 of GB/T 15805.6-2008);

---PCR detection method has been added (see Chapter 11);

---A real-time fluorescence PCR detection method has been added (see Chapter 12);

1 Scope

GB/T 47226-2026 is the Chinese national standard covering diagnosing furunculosis in fish

- the isolation and identification of *Aeromonas salmonicida*, the biochemical and serological confirmation and the molecular detection of carriers. It replaces GB/T 15805.6-2008 and has been in force since 1 September 2026. It was issued on 27 February 2026 and has been in force since 1 September 2026, replacing GB/T 15805.6-2008. The document is under the responsibility of the Ministry of Agriculture and Rural Affairs. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

Methods for sample and bacterial isolation, physiological and biochemical identification, PCR detection, real-time fluorescence PCR detection, and comprehensive judgment. This document applies to the epidemiological investigation, diagnosis, quarantine, and monitoring of *Aeromonas salmonicida* infection in fish.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 6682 Specifications and test methods for water used in analytical laboratories

GB/T 18088 Sampling for entry-exit animal quarantine SC/T 7011.1 Terminology and Nomenclature Rules for Aquatic Animal Diseases Part

1. Terminology for Aquatic Animal Diseases SC/T 7103 Technical Specifications for Quarantine Sampling of Aquatic Animals at Origin

3 Terms and Definitions

The terms and definitions defined in SC/T 7011.1 apply to this document.

4. Abbreviations The following abbreviations apply to this document. bp. base pair FAM. 6-Carboxyfluorescein O/129.2,4-diamino-6,7-disopropylpteridine TAE buffer. composed of trisbase, acetic acid, and ethylenediaminetetraacetic acid (EDTA). buffer solution Taq. *Thermusaquaticus*