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

GB/T 47227-2026

Replacing GB/T 21438-2008

Zhikong scallop - Broodstock and seed

栉孔扇贝 亲贝和苗种

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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 supersedes GB/T 21438-2008 "Broken Scallop" and GB/T 16872-2008 "Scallop Seedlings". The document is based on GB/T 21438-2008, and integrates some content from GB/T 16872-2008. It is consistent with GB/T 21438-2008. Compared to previous versions, aside from structural adjustments and editorial changes, the main technical changes are as follows:

- a) The source of the baby food has been changed (see 4.1, 2008 version 4.1);
- b) The content regarding parent shellfish quarantine has been removed (see 4.7 in the 2008 edition);
- c) The usage period for Qinbei (see 4.8 in the 2008 version) has been removed;
- d) The "source" and "quality requirements" for seedlings have been added (see 5.1, 5.2);
- e) The parentage test method has been changed (see 6.1, Chapter 5 of the 2008 edition);
- f) Added seedling inspection methods (see 6.2);
- g) Added seedling inspection rules (see 7.2);
- h) The requirements for transporting parent shellfish have been changed (see 8.1, Chapter 6 of the 2008 edition);
- i) Increased requirements for seedling transportation (see 8.2);
- j) The series tables of shell height, shell length, and weight of artificially cultured broodstock and broodstock collected from the seabed in natural sea areas have been deleted (see Appendix A of the 2008 edition). Appendix B). Please note that some content in this

document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the Ministry of Agriculture and Rural Affairs of the People's Republic of China. This document is under the jurisdiction of the National Technical Committee on Fisheries Standardization (SAC/TC156). This document was drafted by: Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences; Ocean University of China; Qingdao Jinshatan Aquatic Development Co., Ltd. company. The main drafters of this document are. Liu Changlin, Hu Xiaoli, Chen Siqing, Yu Ruihai, Wu Biao, Lu Xiaoping, Bian Li, Zhang Yan, Xue Tongming, and Zhang Shengnong. Zheng Xiaodong. The release history of this document and the document it replaces is as follows:

1 Scope

GB/T 47227-2026 is the Chinese national standard covering the broodstock and spat of the Zhikong scallop - the selection and condition of the parents, the hatchery production, and the size, uniformity and health of the seed a grower buys. It replaces GB/T 21438-2008 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 21438-2008. 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.

Requirements, inspection rules, judgment rules, and packaging and transportation requirements are described, along with the corresponding inspection methods. This document applies to the quality assessment of broodstock and seedlings of the scallop.

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 21442 Scallop

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Shell height The distance from the apex of the shell to the ventral margin.

3.2 gonadal somatic index The percentage of wet weight of the gonads relative to the wet weight of the soft tissue.

3.3 The percentage of seedlings that meet the required specifications out of the total number of seedlings.

3.4 deformity rate The percentage of seedlings with irregularly shaped shells out of the total number of seedlings.

3.5 The percentage of seedlings with damaged or empty shells out of the total number of seedlings.

4 Parent Shell

4.1 Source Natural marine areas or original (superior) seed farms.