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

GB 31610.4-2023

**National food safety standards - Inspection of animal aquatic
products and their products for *Clonorchis sinensis***

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1 Scope

test method.

This standard is applicable to the inspection of *Clonorchis sinensis* metacercariae in animal aquatic products and their products.

2 Principles

Clonorchis sinensis metacercariae in animal aquatic products and their products mainly parasitize the muscle tissue of freshwater fish and freshwater shrimp. Observed by tableting method Detect metacercariae or use pepsin to digest the muscle tissue of animal aquatic products and their products to obtain metacercariae. Based on the morphological characteristics of metacercariae, preliminary Determine the type of metacercariae. By amplifying and sequencing the second internal transcribed spacer (ITS2) gene fragment of the ribosomal DNA of *Clonorchis sinensis*, Identification of metacercariae of *Clonorchis sinensis*.

4.1.2 Physiological saline. 0.85% NaCl solution.

4.1.3 1mol/L Tris-HCl solution (pH8.0).

4.1.4 0.5mol/L EDTA solution (pH8.0).

4.1.5 10% SDS solution.

4.1.6 5mol/L NaCl solution.

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