

CCS X 09



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

GB 31610.5-2023

**National food safety standards Inspection of Paragonimus in
animal aquatic products and their products**

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China, State Administration for Market Regulation**

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1 Scope

This standard specifies the morphology and PCR testing of *Paragonimus metacercariae* in animal aquatic products and their products.

method.

This standard applies to the inspection of *Paragonimus metacercariae* in animal aquatic products and their products.

2 Principles

Metacercariae of *Paragonimus* in animal aquatic products and their products mainly live in the muscle tissue of crustaceans such as crabs, crickets, and macrobrachials.

Mash the sediment to separate or use pepsin to digest the animal host tissue after mashing to obtain metacercariae. Based on the morphological characteristics of *Paragonimus*

metacercariae, preliminary Determine the type of metacercariae; by amplifying and sequencing the second internal transcribed spacer (ITS2) gene fragment of Paragonimus ribosomal DNA, the combined Identification of metacercariae of Genimimus.

4.1.2 Physiological saline. 0.85% NaCl solution.

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

4.1.4 0.5mol/LEDTA solution (pH8.0).