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NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

GB 10136-2015

**National Food Safety Standard -
Aquatic Products of Animal Origin**

食品安全国家标准 动物性水产制品

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**Issued by: National Health and Family Planning Commission of the
People's Republic of China**

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National Food Safety Standard - Aquatic Products of Animal Origin

1 Scope

This Standard applies to aquatic products of animal origin.

2 Terms and definitions

2.1 aquatic products of animal origin

aquatic products made from fresh and frozen aquatic products of animal origin with or without excipients and processed by corresponding processes, including instant aquatic products of animal origin, pre-braking aquatic products of animal origin and other aquatic products of animal origin, excluding canned aquatic products of animal origin

2.2 instant aquatic products of animal origin

aquatic products of animal origin that can be eaten directly without further heat treatment, including instant brake aquatic products and cooked brake aquatic products

2.2.1 instant brake aquatic products

aquatic products that can be directly consumed, which are made of fresh and frozen aquatic products of animal origin and have been cleaned and processed before eating, without being heated and cooked when eating, including marinated raw aquatic products of animal origin and instant raw aquatic products of animal origin

2.2.1.1 marinated raw aquatic products of animal origin

pickled products that can be eaten directly, which use live mud snails, shellfish, freshwater crabs and fresh or frozen sea crabs, fish seeds and other animal water products as raw materials, are made by salting or pickling, drunk processing

2.2.1.2 instant raw aquatic products of animal origin

aquatic products that can be eaten directly, which use fresh, live, refrigerated and frozen fish, crustaceans, shellfish, cephalopods, etc. as raw materials, are

Annex A

Method for testing sphincter, nematode larva, locust mites in instant brake aquatic products

A.1 Visual inspection

Large-sized insects such as anisakis larvae, broad-striped locust, can be directly inspected by the naked eyes after the muscles and internal organs are torn open. Perform identification by microscopy if necessary.

A.2 Microscopic examination

A.2.1 Reagents

Artificial digestive juice: take 5g of pepsin, dissolve in 900mL of distilled water, add 7mL of concentrated hydrochloric acid, then add water till 1000mL; completely mix, place for 15min for use.

A.2.2 Apparatus and equipment

A.2.2.1 Microscope (multiple: 10×10).

A.2.2.2 Water bath or incubator (37°C).

A.2.2.3 Tissue masher.

A.2.3 Specimen preparation

Take appropriate amount of muscle to beat with tissue masher (low speed, sample smashing). Set in an Erlenmeyer, add artificial digestive juice in a ratio of 1:10. Stir well. Place in a 37°C water bath or incubator for 4h~5h so as to make the muscles fully digested. Absorb supernatant. Add an appropriate amount of distilled water. Conduct precipitation after stirring for 20min~30min. Then absorb supernatant. Rinse several times until the supernatant is clear. Perform precipitation for use.

A.2.4 Inspection

Take precipitate processed in A.2.3. Dilute with distilled water under the microscope to observe the parasite.

A.3 Result report

When parasites are found by naked eye and microscopic examination, it shall be reported as parasite is detected. And indicate the type of parasite. When parasites are not found by naked eye and microscopic examination, it shall be

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