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

SN/T 0801.7-2010

Replacing SN/T 0801.7-1999

**Animal and vegetable oils and fats for import and export. Part
7: Test method for insoluble polybromides**

进出口动植物油脂 第7部分：不溶溴化物试验

(English Translation)

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Foreword

SN/T 0801 "Importers and animal fat" is divided into 24 parts.

- Part 1. Test method of insoluble impurities;
- Part 2. phosphorus testing methods;
- Part 3. peroxide value test method;
- Part 4. Washer off the heating test testing methods;
- Part 5. Test methods melting point;
- Part 6. Determination of sediment;
- Part 7. Test insoluble bromide;
- Part 8. the proportion of test methods;
- Part 9. transparency, smell, taste testing methods;
- Part 10. cloud point test methods;
- Part 11. Oil foot test methods;
- Part 12. Flash Point Limits Test Pensky - Martens closed cup method;
- Part 13. Test method for drying time;
- Part 14. color test methods;
- Part 15. unsaponifiables test methods;
- Part 16. Test method phosphoric acid test value;
- Part 17. fatty acid freezing point test method;

Moisture and volatile matter test methods;. --- Part 18

--- Part 19. free fatty acid value and test methods;

--- Part 20. hydroxyl value testing methods;

--- Part 21. Chlorophyll test methods;

--- Part 22. polyvinyl-based polymer testing methods;

--- Part 23. Inspection of residual solvent;

--- Part 24. Determination of moisture content Karl Fischer method.

This section SN/T Section 70801 of.

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

The partial replacement of SN/T 0801.7-1999 "Importers animal fat insoluble bromide test methods." this section compared with the SN/T 0801.7-1999, the main technical changes are as follows.

--- Chinese name was changed to "import and export Animal and vegetable fats - Part 7. insoluble bromide test";

--- English name changed to "Animalandvegetableoilsandfatsforimportandexport-Part 7. Test methodforinsolublepolybromides ";

--- Modify the scope of the import and export of vegetable oils in fish and marine animal oils qualitative analysis;

--- Original standard "5 test methods" in the "principle of the method 5.1," "5.2 reagent", 5.3 "equipment", "Analysis 5.4 Steps "were split to become" principle 4, "" 5 agent ", " 6 instrument ", " 9 analysis step ";

--- Original standard "4 sampling and sample preparation" into the "sampling 7" and "8 Sample Preparation";

--- The modification reagent saturated bromine is bromine;

--- Revised Chapter 9 analysis step NOTE textual representation;

--- Chapter 10 increases result determination and presentation.

Please note that some of the content of this document may involve certain patents, the issuing authority of this document does not assume responsibility for the identification of these patents.

This section proposed and managed by the National Certification and Accreditation Administration Committee.

1 Scope

SN/T 0801 provisions of this part of the test methods for the import and export of vegetable oil insoluble bromide.

This section applies to vegetable oils and fish oil adulteration Qualitative analysis of marine animal oils.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the edition are not applicable to the present file. For undated references, the latest edition (including any amendments) applies to this document.

Laboratory use specifications and test methods GB/T 6682 Analysis Preparation of GB/T 15687 Animal and vegetable fats sample SN/T 0800.1 and export grain, feed inspection sampling and sample preparation methods

3 Terms and Definitions

The following terms and definitions apply to this document.

Insoluble bromide insolublepolybromides Under the experimental conditions, fish oil or vegetable oil mixed in marine oils and bromine produced by the reaction is insoluble in chloroform - acetic acid mixed solution Bromide solution.

4 Method summary

When fish oil or vegetable oil in marine animal doping, the use of their fatty acid bromide in chloroform - melting glacial acetic acid solution Solutions of different detected.

5 Reagents

All reagents were of analytical grade unless otherwise specified. Test water for the two water or equivalent purity water GB/T 6682 regulations.

5.1

chloroform - a mixed solution of glacial acetic acid (11, volume ratio).

5.2

bromine.

6 Instruments

6.1

tube. volume of 50mL.

6.2

constant temperature water bath. to maintain a temperature of between ± 2 °C water bath at 20 °C.