

ICS 67.200.10
CCS X 14

SN

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

SN/T 0801.4-2012

Replacing SN/T 0801.4-1999

**Determination of animal and vegetable oil and fats for export.
Part 4: Worstall heating test
(English Translation)**

Issued on: January 1, 1970

Implemented on: January 1, 1970

Issued by: General Administration of Customs

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Foreword

SN/T 0801 "Test Method export animal fat" is divided into 24 parts.

- Part 1. insoluble impurities;
- Part 2. phosphorus detection method;
- Part 3. peroxide value test method;
- Part 4. Washer off the heating test;
- Part 5. Test methods melting point;
- Part 6. soybean oil sediment testing methods;
- Part 7. Test insoluble bromide;
- Part 8. density 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 detection method;
- Part 15. unsaponifiables;
- Part 16. phosphoric acid test value testing methods;
- Part 17. Determination of the freezing point of the fatty acid;

Moisture and volatile matter detection method;. --- 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 40801 of.

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

The partial replacement of SN/T 0801.4-1999 "Importers and animal fats washer off the heating test testing methods." this section compared with the SN/T 0801.4-1999, the main technical changes are as follows.

--- The SN/T 0801.4-1999 in Chapter 5 Test methods 5.1 "equipment", "5.2 Analysis Procedure" are split Divided into "four instruments", "6 analysis step";

--- The SN/T 0801.4-1999 in "4 sampling and sample preparation" to "5 Sampling and sample preparation."

--- Increase in Chapter 7 and Chapter 8 the results of the calculation precision.

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

1 Scope

SN/T 0801 This section provides the tung oil exports off the heated washer determination tests.

This section applies to the determination of tung oil exports off the heating test washer.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

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.

Washers off the heating test worstalheatingtest Tung oil under specified containers and heating conditions, thermal polymerization and after polymerization time required for the presentation characteristics.

4 Instrument

4.1

heating vessel. copper or stainless steel, the opening round, diameter 150mm, height 50mm.

4.2

Thermometer. Immersion at the line 45mm internal standard thermometer, 0 °C ~ 360 °C, minimum scale 1 °C, length 335mm.

4.3

glass rod.

4.4

gas lamp or torch.

4.5

Stopwatch.

5 Sampling and sample preparation

According to SN/T 0800.1 performed.

6 Step, Analysis

6.1

said sample taken after mixing 100g, placed in a heating vessel (4.1), the suspension thermometer (4.2) so that the mercury ball is completely immersed in a sample to near the bottom of the container (Do not touch the bottom of the container). In the glass rod (4.3) stirring to gaslight (4.4) heating vessel control the sample temperature rise Rate as follows. 1min reaches 105 °C, 2min reach 180 °C, 3min reaches 240 °C, 3.5min reaches 265 °C, 4min reach 282 °C.