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**SN**

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

**SN/T 2497.8-2010**

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**Test method of import and export dangerous chemicals. Part 8:  
Popliteal lymph node assay**

进出口危险化学品安全试验方法 第8部分：腘窝淋巴结试验

**(English Translation)**

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### Foreword

SN/T 2497 "Test Methods for Chemical Safety & Exports dangerous" series of standards is divided into 29 parts.

--- Part 1. mammalian liver cells in vivo DNA synthesis (UDS) test;

--- Part 2. plaque-forming cells (PFC) test;

--- Part 3. Large Zhuan reproduction test;

--- Part 4. *Saccharomyces cerevisiae* mitotic recombination test;

--- Part 5. testicular cells UDS test;

--- Part 6. mammalian cells in vitro sister chromatid exchange test;

--- Part 7. mouse ear swelling test;

Part --- Article 8. fossa lymph node assay;

--- Part 9. Determination of serum hemolysin test;

Part --- Article 10. T lymphocyte proliferation assay test;

--- Part 11. germline mutation assay;

--- Part 12. single cell gel electrophoresis test;

--- Part 13. fluorescence in situ hybridization;

Part --- Article 14. SDS- polyacrylamide gel electrophoresis;

--- Part 15. PCR-SSCP experiment;

Part --- Article 16. Western-Blot test;

- Part 17. Behavior of mammalian toxicology tests;
- Part 18. Detection of DNA adducts;
- Part 19. NorthernBlot experiment;
- Part 20. Bradford protein assay;
- Part 21. agarose gel electrophoresis;
- Part 22. T<sub>m</sub> value determination method of DNA;
- Part 23. organelle separation experimental methods;
- Part 24. cellular immunity in vitro assay method;
- Part 25. humoral immune function tests;
- Part 26. macrophage function tests;
- Part 27. Flow cytometry of apoptosis;
- Part 28. Application shuttle plasmid mutations Inspection;
- Part 29. Biochemical Oxygen Demand (BOD) was measured.

This section SN/T 2497 Part 8.

The partial modification of the use of "Toxicology test methods and techniques" immune toxicology research method, technical content and the method described above Exactly the same, in a standard text format according to GB/T 1.1-2000 made editorial changes.

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

This section is responsible for drafting unit. People's Republic of China Tianjin Entry-Exit-Entry Inspection and Hunan People's Republic of China Quarantine Bureau.

## 1 Scope

This section SN/T 2497 specifies the test principle and export of dangerous chemicals test fossa lymph node assay, test methods and test results.

This section applies to the import and export of dangerous chemicals Test fossa lymph node assay.

## 2 Normative references

The following documents contain provisions which, through reference SN/T 2497 to the present, constitute provisions of this section. For dated references, all subsequent amendments (excluding corrections) or revisions do not apply to this section, however,

encourage an agreement under this section Parties to study the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB 14924.1 animal feed common quality standards

### **3 Test principle**

The cause hypersensitivity or autoimmune response chemicals mice injected paw skin, causing internal fossa lymph node T, B cell proliferation Leaving the lymph nodes, weight gain and change in cell number.

Test Method 4

#### **4.1 Test animals**

Select (6-8) week old mice, the weight (18 ~ 22) g. Experimental animals and animal testing environment and facilities should meet the GB 14924.1 phase the relevant requirements.

#### **4.2 Test Supplies**

Micro syringe, a 24-well culture plate, blood cell count boards, scales, microscopes.

#### **4.3 Test substance**

The appropriate concentration of the sample dubbed, will not produce cytotoxicity, generally 5 results

--- End point was PLN PLN cell mass index and index.

--- PLN mass index = weight of the test side PLN/side PLN weight control.

--- PLN cells test = index number of cell side PLN/PLN cells control side.