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

SN/T 4599-2016

**Requirements for standard sample description of import-export
food risk monitoring**

进出口食品风险监控工作样品规范性描述要求
(English Translation)

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Foreword

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

This standard reference to the European Food Safety Authority issued "normative description of food and feed samples Guide" prepared by the guidelines consistent with the process Degree is not equivalent.

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

Introduction

In recent years, the import and export of food business increased year by year, promoting the continuous development of food safety management, how to further improve the wind

the effectiveness and prospectiveness of risk monitoring have become the top priority of inspection and quarantine work. With the increasing amount of data involved in monitoring samples, yes Data collection, collation and transmission put more emphasis on the underlying work on risk monitoring. In order to adapt to China's import and export food risk supervision Control the development of work needs, it is necessary to establish a unified standard to improve the normative description of the sample, at the same time, build data-sharing basis.

This standard reference to the European Food Safety Authority released "normative description of food and feed samples Guide" based on the actual situation in China Condition prepared. The establishment of the import and export food risk monitoring work supporting the sample data meta-framework to facilitate the standardized management of the sample and the unification of data and information, which provides the basis for the construction of inspection and quarantine risk monitoring database in the future. In order to realize the supervision of import and export food risk as information resources integration and sharing, improve risk monitoring and information technology to lay an important foundation.

Import and export food risk monitoring work samples Normative description of requirements

1 Scope

This standard specifies the import and export food safety risk monitoring samples and analysis of measurement results of data collection and data transmission standards Logical model and terminology description.

This standard applies to import and export food safety risk monitoring program monitoring samples and monitoring data normative description.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 2260 People's Republic of China administrative divisions code GB/T 2659 countries in the world name code GB/T 10114 below the county level code division rules SN/T 2991.1-2011 Inspection and quarantine business information data element specification Part 1. General Manual of Fisheries Statistics Section H (FAO Fisheries Cooperation Unit)

3 Terms and definitions

SN/T 2991.1-2011 defined and the following terms and definitions apply to this document.

Import and export food safety risk monitoring import-exportfoodsafetyriskmonitoring by

taking samples that reflect the risk factors and trends of imported and exported foods, the risk items are tested according to the prescribed method Conduct systematic and continuous collection of monitoring data and related information and carry out comprehensive analysis and timely notification of activities.

Limit of detection; LOD with a known concentration of the tested substance can be reliably detected to detect the lowest concentration or amount, or to 3 times the signal-to-noise ratio ($S/N = 3$) corresponding Concentration to determine the detection limit.

Limit of quantification; LOQ the minimum concentration of chemical pollutants in a sample can be reliably and quantitatively determined through the whole process of the determination method by the addition method. Generally take the signal to noise ratio Greater than or equal to 10 as the limit of quantitation.

4.1 Data transmission of the main entities

The main entities of data transmission include.