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

SN/T 3767.1-2014

**Loop-mediated isothermal amplification detection method for
genetically modified components in food for export. Part 1:
General requirements and definitions**

出口食品中转基因成分环介导等温扩增（LAMP）检测方法 第1部分：通用要求和
定义

(English Translation)

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- 3.1 Terms and Definitions

Foreword

SN/T 3767 "genetically modified food for export loop-mediated isothermal amplification (LAMP) detection method" is divided into 30 parts.

Part 1. General requirements and definitions;

Part 2. The screening method;

Part 3. maize Bt-11 strain;

Part 4. Bt176 maize lines;

Part 5. GA21 maize lines;

Part 6. MIR162 Maize Lines;

Part 7. MIR604 maize lines;

Part 8. maize MON810 strain;

Part 9. maize MON863 strain;

Part 10. maize MON88017 strain;

Part 11. maize MON89034 strain;

Part 12. Corn T-25 strain;

Part 13. 3272 maize lines;

Part 14. Lines of corn 59122;

Part 15. A2704-12 soybean lines;

Part 16. Soybean A5547-127 lines;

Part 17. Soybean DP356043 lines;

Part 18. Soybean GTS40-3-2 lines;

Part 19. Soybean MON89788 strain;

Part 20. Rice Bt-63 strain;

Part 21. Rice KF6 lines;

Part 22. Rice KF8 lines;

Part 23. KMD rice strains;

Part 24. Rice LLRICE62 lines;

Part 25. Rice M12 strain;

Part 26. Rice T1C-19 strain;

Part 27. Rice T2A-1 strain;

Part 28. B73-6-1 wheat strain;

Part 29. beet H7-1 strain;

Part 30. Rape RT-73 strain.

This section SN/T Section 13767 of.

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

Please note that some of the content of this document may involve patents. Release mechanism of the present 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 3767 provisions of this part of the genetically modified foods of plant origin loop-mediated isothermal amplification (LAMP) method for screening test Scope, normative references, acronyms, terms and definitions, anti-pollution measures, sampling and sample preparation, nucleic acid extraction and purification of principle, reagents, apparatus, Device, the detection step, and determines the content and results expressed in terms of a total of 12.

This section applies to raw materials and processed food products GMO loop-mediated isothermal amplification (LAMP) test.

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.

Laboratory use specifications and test methods GB/T 6682 Analysis GB/T 19495.1 GMO testing - General requirements and definitions GB/T 19495.2 technical requirements for GMO testing laboratories GB/T 19495.3 GMO detection of nucleic acid extraction and purification method GB/T 19495.7 GMO detection methods of sampling and sample preparation

3.1 Terms and Definitions

The following terms and definitions apply to this document.

3.1.1

Transgenic transgene this species does not have the will, from other species of functional DNA sequences, by introducing a variety of means to carry out the species Expression, in order for the species to obtain new varieties of features.

3.1.2

Transgenic plant lines genetically modified plant event the success of the target gene can be introduced into the plant genome and in the offspring that is genetically stable transgenic plant lines, except the same gene transfer of the body as a different strain. Strain-specific sequence refers to an exogenous sequence fragment inserted into the connection area and the plant genome, transgenic plant products Identification based system.

3.1.3

Structure-specific detection constructs specific detection Exogenous DNA sequence differences in the two insert elements connected region. Structure-specific detection is a source outside of the insert Connection region of two elements to be detected.