

ICS 65.020.30

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PROFESSIONAL STANDARD OF THE PEOPLE'S

REPUBLIC OF CHINA

中华人民共和国出入境检验检疫行业标准

SN/T 2641-2010

Detection of pathogen in food—

PCR-DHPLC method

食品中常见致病菌检测

PCR-DHPLC 法

Issued on November 01, 2010

Implemented on May 01, 2011

**Issued by General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China**

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Foreword

This standard is prepared according to the rules specified in GB/T 1.1-2009.

This standard is under the jurisdiction of Certification and Accreditation Administration of the People's Republic of China.

The responsible drafting organizations are Liaoning Entry-Exit Inspection and Quarantine Bureau of P.R. China, Fujian Entry-Exit Inspection and Quarantine Bureau of P.R. China, Jiangxi Entry-Exit Inspection and Quarantine Bureau of P.R. China, Jilin Entry-Exit Inspection and Quarantine Bureau of P.R. China and Beijing Yingjisi Technology Development Co., Ltd.

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Detection of pathogen in food—

PCR-DHPLC method

1 Scope

This Standard specifies the detection method of salmonella and other 30 kinds of pathogen in food-PCR-DHPLC method.

This Standard applies to the rapid detection of salmonella and other 30 kinds of pathogen in food.

Note: 30 kinds of common pathogen include: Salmonella, shigella, staphylococcus aureus, yersinia enterocolitica, listeria monocytogenes, campylobacter jejuni, bending thermophilic bacteria, enterohemorrhagic Escherichia coli O157:H7, enterotoxigenic escherichia coli, intestinal pathogenic escherichia coli, intestinal invasive escherichia coli, enterobacter sakazakii, vibrio parahaemolyticus, vibrio cholerae, vibrio vulnificus, vibrio alginolyticus, vibrio mimicus, vibrio fluvialis, vibrio metschnikovi, aeromonas hydrophila, clostridium botulinum, clostridium perfringens, bacillus cereus, hemolytic streptococcus, brucella, lactic acid bacteria, pseudomonas aeruginosa, klebsiella pneumoniae, bacillus proteus vulgaris, and proteus mirabilis.

2 Normative References

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (including all corrections) or revisions made thereafter shall be applicable to this Standard.

GB/T 6682 Water for analytical laboratory use - Specification and test methods

GB 19489 Laboratories - General requirements for biosafety

GB/T 27403 Criterion on quality control of laboratories - Molecular biological testing of food

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