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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3639-2013

Determination of Campylobacter jejuni in food for export. Real-time PCR method

出口食品中空肠弯曲菌的检测方法 实时荧光PCR法

(English Translation)

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Foreword

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

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

This standard was drafted. People's Republic of China Jiangsu Entry-Exit Inspection and Quarantine Bureau, Chinese Center for Disease Control and Prevention, the People's Republic of China State Tianjin Entry-Exit Inspection and Quarantine Beijing People's Republic of China, People's Republic of China Fujian Entry-Exit Inspection and Quarantine Bureau, Guangxi People's Republic of China Entry-Exit Inspection and Quarantine of Jilin People's Republic of China, People's Republic of China State Hunan Entry-Exit Inspection and Quarantine People's Republic of China, Shandong, Shanghai Hui Rui Biotechnology Limited.

1 Scope

This standard specifies the foods Campylobacter jejuni (Campylobacterjejuni) of real-time PCR method.

This standard applies to foods genetic testing of C. jejuni.

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.

GB/T 4789.9 Microbiological examination of food hygiene inspection Campylobacter jejuni Laboratory use specifications and test methods GB/T 6682 Analysis GB 19489 General

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requirements for laboratory biosafety Campylobacter detection method SN/T 0175 imported and exported food SN/T 1193 genetic testing laboratory technical requirements

3 Anti-pollution measures

Pollution prevention measures inspection process should be consistent with SN/T 1193.

4.1 Equipment and Materials

4.1.1
real-time PCR instrument.

4.1.2
clean bench.

4.1.3
Sterilization pot.

4.1.4
ice machine.

4.1.5
nucleic acid protein analyzer.

4.1.6
High-speed refrigerated centrifuge. speed >=8000r/min; small desktop centrifuge. speed >=13000r/min.

4.1.7
low temperature freezer, refrigeration refrigerator.

4.1.8
Water, double distilled water heaters.

4.1.9
Vortex.

4.1.10
micropipette.

4.1.11
No Dnase/Rnase optical PCR reaction tubes or plates.

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4.2 Reagents

Unless otherwise specified, all reagents were of analytical grade or biochemical reagents.

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