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SN

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3498-2013

Quarantine protocol for Plesiomonas shigelloides from Garra rufa

温泉鱼类志贺邻单胞菌病检疫技术规范

(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 Sichuan Exit Inspection and Quarantine, Agricultural University, Sichuan, Chongqing, the People's Republic of China Entry Inspection and Quarantine Bureau.

1 Scope

This standard specifies the fish spa Shiga Plesiomonas disease quarantine technical specifications.

This standard applies to fish spa Shiga o single clinical diagnosis and identification of isolated Aeromonas disease.

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

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3.1 Clinical symptoms

Anorexia or not eat fish; stationary disease fish swim or paroxysmal disorder, scurry, or friction in the pool, and finally died of exhaustion; fish out Now abnormal body color, is black; dead fish had obvious bleeding.

3.2 Pathological changes

Sick fish fin base and sides of the fish with mild hyperemia, lateral line on both sides of the surface appears white spot or ulcer, as the disease worsens, spot colors Gradually becomes deeper, severe illness spot color is black; gill cover around bleeding or bleeding spots; gills, liver, kidney compared with light colors, showing gray White; his liver bleeding, gallbladder enlargement; intraperitoneal volume ascites, or pale yellow transparent red turbid; intestinal bleeding or intestinal variant Transparent, visible intestinal contents.

A detailed description of the disease, see Appendix A.

Isolation and identification of 4

4.1 Equipment and Instruments

4.1.1
biological safety cabinet.

4.1.2
ordinary optical microscope.

4.1.3
Autoclave.

4.1.4
incubator (37 °C ± 1 °C).

4.1.5
dissection instruments.

4.1.6
automatic biochemical identification system.

4.2 Media and reagents

The following reagents used, unless otherwise stated by the outside are analytical reagents; water is in line with two water GB/T 6682 regulations.

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4.2.1

ordinary nutrient agar plate, prepared as described in Appendix B B.1.

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