



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

GB 4789.4—2010

National food safety standard
Food microbiological examination: Salmonella

Issue date: 2010-03-26

Implementation date: 2010-06-01

Issued by **Ministry of Health, the People's Republic of China**

Foreword

This standard instead of GB/T 4789.4-2008 (Food microbiological examination: Salmonella)

Compared to this standards and GB/T 4789.4-2008, The main changes are as follows:

Modified the name of standard in English and Chinese

Modify the scope of the standard

Modified media and reagents

Modify the equipment and materials

Revised Appendix A

Appendix A and Appendix B are normative appendix

Instead of the standard conditions for the successive release: GB 4789.4-84、GB 4789.4-1994、GB/T 4789.4-2003、GB/T 4789.4-2008.

Food microbiological examination: Salmonella

1. Scope

The standard specifies a method for the detection of Salmonella in food.
The standard applies a method for the detection for Salmonella in food.

2. Equipment and Material

Usual microbiological laboratory equipment and, in particular the following

- 2.1 Refrigerator: 2℃-5℃.
- 2.2 Incubator: 36℃±1℃, 42℃±1℃
- 2.3 Homogeneous machine
- 2.4 Oscillator
- 2.5 Electric Balance: Sensibility 0.1g
- 2.6 Asepsis conical flask: Capacities 500ml and 250ml.
- 2.7 Asepsis pipettes: of capacities 10ml and 1ml, graduated respectively in 0.1ml and 0.01ml divisions or micro-pipette and the suction head.
- 2.8 Petri dishes: of diameter 90mm.
- 2.9 Asepsis culture tubes, 3mm*50mm, 10mm*75mm
- 2.10 Asepsis Capillary
- 2.11 PH-meter or pH color comparison tube or precision pH test strips.
- 2.12 VITEK Machine.

3. Culture media and reagent

- 3.1 Buffered peptone water: See appendix A.1
- 3.2 Tetrathionate Broth: See appendix A.2
- 3.3 Selenite Cystinol Broth: See appendix A.3
- 3.4 Bismuth Sulfite Agar: See appendix A.4
- 3.5 Hekton Enteric Agar: See appendix A.5
- 3.6 Xylose Lysine Desoxycholate Agar: See appendix A.6
- 3.7 Salmonella Chromogenic Agar
- 3.8 Triple sugar/iron agar: See appendix A.7
- 3.9 Peptone water, Indole reagent: See appendix A.8
- 3.10 Urea Agar: See appendix A.9
- 3.11 KCN Agar: See appendix A.10
- 3.12 Lysine decarboxylation test broth: See appendix A.11
- 3.13 Bromocresol Fermentation tube: See appendix A.12
- 3.14 Ortho-nitrophenol β-D-galactosidase: See appendix A.13
- 3.15 Semisolid Medium: See appendix A.14
- 3.16 Sodium malonate medium: See appendix A.15
- 3.17 Salmonella O and H phase Antisera



北京文心雕语翻译有限公司
Beijing Lancarver Translation Inc.

完整版本请在线下单

或咨询：

TEL： 400-678-1309

QQ： 19315219

Email：info@lancarver.com

<http://www.lancarver.com>

线下付款方式：

1. 对公账户：

单位名称：北京文心雕语翻译有限公司

开 户 行：中国工商银行北京清河镇支行

账 号：0200 1486 0900 0006 131

2. 支付宝账户：info@lancarver.com

注：付款成功后，请预留电邮，完整版本将在一个工作日内通过电子 PDF 或 Word 形式发送至您的预留邮箱，如需索取发票，下单成功后的三个工作日内安排开具并寄出，预祝合作愉快！



银联特约商户