



Guangdong Huankai Microbial Sci. & Tech.Co.,Ltd.

广东环凯微生物科技有限公司

Add: No.788,Shenzhen Road,Guangzhou Science City,
Guangzhou,Guangdong Province,China
Tel: +86-20-32078333-8654 FAX: +86-20-32078333-8803
E-mail: hugochiang@163.com

HCM008 Buffered Peptone Water (BPW)

Usages:

For pre-enrichment of Salmonella spp.

Principle:

Peptone provide carbon and nitrogen sources to meet the needs of bacterial growth; sodium chloride maintains osmotic equilibrium; potassium dihydrogen phosphate and disodium hydrogen phosphate as buffer.

Formulation(per liter):

Peptone: 10g

Sodium chloride:5g

Disodium hydrogen phosphate:3.5g

Potassium dihydrogen phosphate: 1.5g

Final pH7.2 ±0.2

How to use:

1. Suspend 20g of product, adding 1L of distilled or deionized water, heated to boiling stirring until completely dissolved, dispensing into flask, autoclave at 121 °C for 15min, set aside.
- 2.Diluted and treated samples.

Quality control:

Item	The name and number of strain	Growth	Colony Color
1	Salmonella typhi CMCC (B) 50071	good	Cloudy broth
2	Salmonella typhimurium CMCC (B) 50115	good	Cloudy broth
3	Paratyphoid Salmonella CMCC (B) 50093	good	Cloudy broth

Storage: Keep container tightly closed, store in a cool, dry place, away from bright light. Storage period of 3 years.

Specifications: 500g/bottle

Reference:

- 1.GB/T4789.4-2003 People's Republic of China national standards of food hygiene Examination of Salmonella microorganisms



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- 2.GB/T4789.28-2003 People's Republic of China national standards of food hygiene microbiological examination Staining, media and reagents
- 3.SN0170-92 People's Republic of China Import and Export Commodity Inspection industry standard Salmonella food for export (including Arizona bacteria) test method
- 4.GB/T4789.4-2008 People's Republic of China national standards of food hygiene Examination of Salmonella microorganisms
- 5.GB 4789.4-2010 national standards for food safety standards of food hygiene inspection and microbiological testing of salmonella People's Republic of China
- 6.GB 13091-91 People's Republic of China National Standard Test Method for Salmonella in feed
- 7.GB 4789.40-2010 national standards for food safety standards of food hygiene inspection microorganism People's Republic of China E.sakazakii test
8. ISO 6579-2002 Microbiology of food and animal feeding stuffs ----- Horizontal method for the detection of Salmonella spp.
9. ISO22964-2006 Milk and milk products ----- Detection of Enterobacter sakazakii
10. ISO6785-2001 Milk and milk products ----- Detection of Salmonella spp