



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 Website:www.hkmbio.com

E-mail: hugochiang@163.com

025010P1 Alkaline Peptone Water (Granular Culture Media)

Usages:

For selective cultivation of bacteria especially *Vibrio* .

Principle:

Peptone provide carbon and nitrogen sources; sodium chloride to maintain osmotic equilibrium; higher pH can suppress the growth of coliform and other bacteria, it is conducive to the growth of *Vibrio cholerae*.

Formulation (per liter) :

Peptone 10g

Sodium chloride 10g

Final pH 8.5 ±0.2

How to use:

1.Suspend 18g in 1L of distilled water , stirring heated to boiling to completely dissolve ,autoclave at 121℃ for 15 minutes.

2.Diluted and treated samples.

Quality control:

Item	The name and number of strain	Growth	Colony Color
1	<i>Vibrio cholerae</i> VbO	Good	Turbid broth
2	<i>Escherichia coli</i> ATCC25922	Poor	--

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

Specifications: 250g/bottle

Reference:

1. SN / T 1022-2001 People's Republic of China Entry-Exit Inspection and Quarantine export food industry standard test methods in *Vibrio cholerae*

2. SN / T 1022-2010 People's Republic of China Entry-Exit Inspection and Quarantine export food industry standard test methods in *Vibrio cholerae*