



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

027043P1 Cetrimide Agar Base(Granular Culture Media)

Usages:

For isolation and enumeration of *Pseudomonas aeruginosa* in water samples.

Principle:

Peptone provide nitrogen; glycerol carbon source; potassium and magnesium can promote green pus pigment production; hexadecyl trimethyl ammonium bromide is a selective antibacterial agent, as a quaternary ammonium salt cationic detergent may bacterial cells release nitrogen and phosphorus and suppress non-*Pseudomonas aeruginosa* bacteria; agar is medium coagulant.

Formulation (per liter) :

Pancreatic Digest of Peptone 20.0g

Magnesium Chloride 1.4g

Dipotassium Sulphate 10.0g

Cetrimide 0.3g

Agar 13.6g

Final pH 7.2 ±0.2

How to use:

1.Suspend 45.3g 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>Pseudomonas aeruginosa</i> ATCC27853	Good	Yellow -green
2	<i>Escherichia coli</i> ATCC25922	Inhibition	--
3	<i>Staphylococcus aureus</i> ATCC25923	Inhibition	--

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

Specifications: 250g/bottle

***Supplement:029080 Glycerol**

Reference:



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

广东环凯微生物科技有限公司

Add: No.788,Shenzhou Road,Guangzhou Science City,
Guangzhou,Guangdong Province,China

Tel: +86-20-32078333-8654 Website:www.hkmbio.com

E-mail: hugochiang@163.com

1. US FDA chapter23

2. ISO22717: 2006