

Product Name : Postgate Broth

Basal medium for growth of sulfate reducing bacteria.

FORMULA (G/L)

Monopotassium Phosphate.....0.5
Ammonium Chloride.....1.0
Sodium Sulfate.....4.5
Magnesium Sulfate Heptahydrate.....0.06
Yeast Extract.....1.0
Iron (II) Sulfate Heptahydrate.....0.004
Sodium Citrate.....0.3
Final pH = 7.2 ±0.2 at 25°C.

DIRECTIONS

Suspend 7.4 G of powder in 1 L of distilled or deionized water. Heat until completely dissolved. Sterilize in autoclave at 121°C for 15 minutes. Cool to 45~50°C. Add 2 vials of Postgate Broth supplement (MB-P0752). Mix well. Dispense into final containers.

Postgate Broth supplement

1 Vial contents (each vial is sufficient for 500mL of medium)
Calcium Chloride.....0.03 G
Sodium Lactate.....3.0 mL

DESCRIPTION

Postgate Broth is a basal medium for growth of sulfate reducing bacteria.

QUALITY CONTROL

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: white.

Prepared medium

Appearance: clear.

Color: light amber.

Incubation conditions: 30 ±0.5°C / anaerobically.

Microorganism	ATCC	Growth
<i>Desulfovibrio magneticus</i>	700980	good

STORAGE

The powder is very hygroscopic: store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident. Store prepared medium at 2-6°C.

PACKAGING

Cat. No : MB-P0630 Postgate Broth	500 G
--------------------------------------	-------