

# Color Aqua



Chromogenic medium used for the detection of *Escherichia coli* and coliforms in water sample.

## • CONTENTS (Liter)

Peptone and Growth Regulators	30.0 g
Chromogenic Mix	7.1 g
Final pH = 7.4 ± 0.2 at 25°C.	

## • PROCEDURE

Suspend 37.1 G of powder in 1 L of distilled or deionized water. Heat to boiling until completely dissolved. DO NOT AUTOCLAVE. Cool to 45-50°C in water bath. Mix well. Dispense in tubes.

## • INTERPRETATION

Color Aqua is a chromogenic medium used for the detection of *Escherichia coli* and coliforms in water sample. Peptone and growth regulators provide nitrogen, carbon, vitamins and minerals.

## • TECHNIC

Inoculate the specimen with stab using a sterile needle to the medium. Shake gently for spreading microorganism. Incubate at 35 - 37 °C for 18 - 24 hours. Refer appropriate references for recommended test procedure.

## • QUALITY CONTROL FOR USE

### Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: pinkish beige.

### Prepared medium

Appearance: slightly opaque.

Color: red.

Incubation conditions: 35 - 37 °C / 18 - 24 hours

Microorganism	ATCC	Inoculum CFU	Growth	Characteristic
<i>Escherichia coli</i>	25922	50-100	good	green blue
<i>Citrobacter freundii</i>	8090	50-100	good	dark yellow
<i>Staphylococcus aureus</i>	25923	≥10 <sup>3</sup>	inhibited	-

**• STORE**

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 2-8°C.

**• PACKAGE**

Cat. No : MB-C0797 Color Aqua	500 G
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