

**1.13678. Microbiology****Anaerocult® C**

**INTENDED USE** For generating an Oxygen-depleted and CO<sub>2</sub> enriched atmosphere in a 2.5 L anaerobic jar (Cat. No. 1.13681.) for culturing Campylobacter species and other microorganisms with fastidious requirements (e.g. Neisseria species, Capnocytophaga species, Eikenella corrodens, Haemophilus species). Concentrations of about 8 - 10% by volume CO<sub>2</sub> and 5 - 7% by volume oxygen are attained.

**PRINCIPLE** Anaerocult® C contains components which chemically bind a defined quantity of oxygen while producing CO<sub>2</sub> from sodium carbonate.

**CONTENTS** 25 Anaerocult® C sachets

**COMPOSITION OF SACHET**

REACTANTS	Components	% by weight
	Kieselguhr .....	<%90
	Iron powder . . . . .	<%6
	Citric acid .....	<%15
	Sodium carbonate . . . . .	<%5

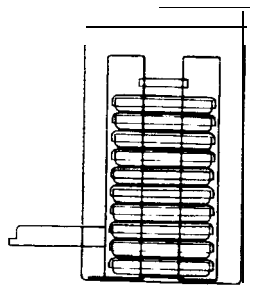
**MATERIALS PROVIDED**

2.5 Anaerocult® C sachets

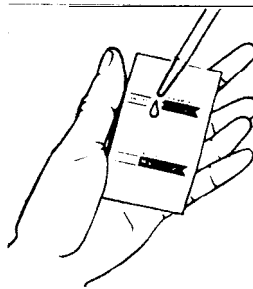
**MATERIALS REQUIRED BUT NOT PROVIDED**

6 mL pipet  
Deionized water  
Plate basket (Cat. No. 1.13674.) or similar product  
Anaerobic jar (Cat. No. 1.13681.) or similar 2.5 L jar

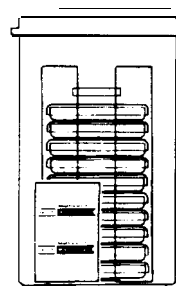
**QUALITY CONTROL** A CO<sub>2</sub> enriched atmosphere is indicated by growth of stock control organisms.

**PROCEDURE**

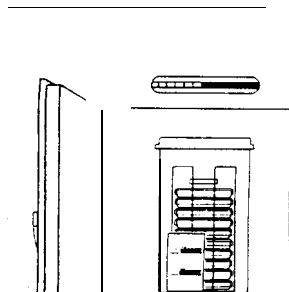
1 Place the inoculated Petri dishes contained in the Plate basket (Cat No. 1.13674.) into the Anaerobic jar (Cat. No. 1.13681.). (Fig. 1)



2 Gently shake an Anaerocult® C sachet on the flat of the hand and evenly add 6 mL of water to the printed side of the sachet. (Fig. 2)



3 Immediately place the Anaerocult® C sachet into the anaerobic jar. (Fig. 3)



4 Close the jar tightly and place into an incubator. (Fig. 4)

**STABILITY** See expiration date.

**STORAGE** Seal tightly and protect from moisture (seal the plastic bag well after removing each Anaerocult® C sachet).  
Recommended storage temperature is +15-25°C.



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