

**TECHNICAL SHEET**

<b>B966</b>	<b>CAMPYLOBACTER ENRICHMENT BROTH BASE (PRESTON ENRICHMENT BROTH BASE)</b>				
<b>Formula</b>					
<b>Ingredients:</b>					
	<b>gms/lit.</b>				
Peptic digest of animal tissue	10.00				
Meat Extract B#	10.00				
Sodium chloride		5.00			
#- Equivalent to Beef extract					
Final pH (at 25°C) : 7.5 ± 0.2					
<b>Directions:</b>					
Suspend 12.5 grams in 470 ml distilled water. Heat if necessary, to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to room temperature and aseptically add sterile 25 ml lysed horse blood and reconstituted contents of 1 vial of Campylobacter Supplement IV (Preston Selective Supplement) (BF033). Mix well and dispense as desired.					
<b>Principle :</b>					
Peptic digest of animal tissue and Meat Extract Bin the medium provide nitrogen, vitamins and minerals necessary to support bacterial growth. Sodium chloride provides essential ions.					
<b>QC Tests - (I) Dehydrated Medium</b>					
Colour :	Cream to light yellow				
Appearance:	Homogeneous Free Flowing powder				
<b>(II) Rehydrated medium</b>					
pH (post autoclaving/heating) :	7.5 ± 0.2				
Colour (post autoclaving/heating) :	A) Basal medium: light amber B) (After addition of blood yields): Cherry red				
Clarity (post autoclaving/heating) :	A) Clear B) Opaque				
<b>(III) Q.C. Test Microbiological</b>					
Cultural characteristics observed with added 25ml sterile lysed horse blood and Campylobacter Supplement IV (Preston Selective Supplement), (BF033), after an incubation at 42°C for 48 hours (5% O <sub>2</sub> + 10% CO <sub>2</sub> + 85% N <sub>2</sub> ).					
MICROORGANISM (ATCC)	GROWTH				
Campylobacter jejuni (29428)	Good-luxuriant				
Campylobacter coli (33559)	Good-luxuriant				
Campylobacter lari (35221)	Good-luxuriant				
Escherichia coli (25922)	Inhibited				
Proteus mirabilis (25933)	Inhibited				
Staphylococcus aureus (25923)	Inhibited				
Bacillus cereus (10876)	Inhibited				
<b>Precautions :</b>	1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
<b>Limitations :</b>	1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.				
<b>Use :</b>	For selective enrichment and cultivation of Campylobacter species.				
<b>Storage :</b>	Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.				
<b>Packing :</b>	500 gm bottle				
<b>Product profile:</b>	Reconstitution	Quantity on Preparation(500g)	pH (25°C)	Supplement	Sterilization
<b>B966</b>	25g/l	20L	7.5 ± 0.2	sterile 25 ml lysed horse blood and reconstituted contents of 1 vial of Campylobacter Supplement IV (Preston) (BF033)	121°C / 15 minutes

**Disclaimer:**

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARK LABORATORIES publications.

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