

TECHNICAL SHEET

B1090	KRACKE BLOOD CULTURE MEDIUM				
Formula					
Ingredients:		gms/lit.			
Beef heart solids		2.00			
Beef brain solids		1.00			
Proteose peptone		10.00			
Sodium chloride		49.00			
Dextrose		10.00			
Sodium citrate	1.00				
Disodium phosphate		2.00			
Final pH (at 25°C) : 7.4 ± 0.2					
Directions :					
Suspend 3.75 gms.in 50ml. distilled water. Allow the suspension to stand for 15 minutes. When all the meat particles are thoroughly wetted, sterilize by autoclaving at 15 lbspressure (121°C) for 15 minutes.					
Principle :					
Kracke and Teasley included finely divided particles of brain and heart tissue which aid in fixing the complement and in removing immune bodies from the blood specimen. Sodium citrate prevents the blood from clotting and helps in fixing the complement as well.					
QC Tests - (I)Dehydrated Medium					
Colour :		Yellow			
Appearance :		Homogeneous Free Flowing powder			
(II)Rehydrated medium					
pH (post autoclaving/heating) :		7.4 ± 0.2			
Colour (post autoclaving/heating) :		Light amber			
Clarity (post autoclaving/heating) :		Clear			
(III)Q.C. Test Microbiological					
Cultural characteristics observed after 18 -48 hrs.at 35-37°C.					
MICROORGANISM (ATCC)		GROWTH			
Salmonella typhi (6539)		Luxuriant			
Streptococcus pyogenes (19615)		Luxuriant			
Precautions :	1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
Limitations :	1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.				
Use :	For isolating organisms from the blood in bacterimias and for maintaining cultures isolated from blood.				
Storage :	Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.				
Packing :	500 gm bottle				
Product profile:	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B1090	75.0g/l	6.666 L	7.4 ± 0.2	NIL	121°C / 15 minutes

Disclaimer:

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