

TECHNICAL SHEET

B720	SOYABEAN CASEIN DIGEST MEDIUM WITH YEAST EXTRACT AND HEMIN				
Formula					
Ingredients :		gms/lit.			
Casein enzymic hydrolysate		17.00			
Papaic digest of soyabean meal		3.00			
Yeast extract		5.00			
Sodium chloride		5.00			
Dipotassium Phosphate		2.50			
Hemin		0.02			
Final pH (at 25°C) : 7.3 ± 0.2					
Directions :					
Suspend 32.52 grams in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
Principle :					
Casein enzymic hydrolysate, papaic digest of soyabean meal and yeast extract supply nitrogenous and carbonaceous nutrients, trace ingredients and vitamin B complex for the growth of microorganisms. Hemin provides additional growth factors. Dipotassium phosphate maintains buffering conditions in the medium.					
QC Tests – (I) Dehydrated Medium					
Colour :		Yellow			
Appearance :		Homogeneous Free Flowing powder			
(II) Rehydrated medium					
pH (post autoclaving/heating) :		7.3 ± 0.2			
Colour (post autoclaving/heating) :		Yellow			
Clarity (post autoclaving/heating) :		Clear			
(III) Q.C. Test Microbiological					
Cultural characteristics observed after 18 –24 hrs. at 35-37°C.					
MICROORGANISM (ATCC)		GROWTH			
Streptococcus pyogenes (19615)		Luxuriant			
Neisseria meningitidis (13090)		Luxuriant			
Bordetella pertussis (8467)		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 cultivation of fastidious bacteria.				
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
B720	32.52g/l	15.375L	7.3 ± 0.2	NIL	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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