

B810	V 8 JUICE BROTH					
Formula						
Ingredients :		gms/lit.				
V-8 juice (100ml)		8.30				
L-asparagine		10.00				
Yeast extract		2.00				
Calcium carbonate		2.00				
Glucose		2.00				
Final pH (at 25°C) : 5.7 ± 0.2						
Directions :						
Suspend 24.3 gms in 1000 ml. distilled water. Heat gently to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. If slight precipitate appears after sterilization distribute evenly before dispensing.						
Principle :						
Yeast extract provide essential growth nutrients. L-Asparagine serves as the amino acid source and glucose as the carbohydrate source for the growth of yeasts and moulds. V-8 juice is blend of 8 vegetable juices which supplies the trace ingredients to stimulate the growth of fungi. The acidic pH of the medium favours fungal growth and suppresses bacterial growth.						
QC Tests – (I)Dehydrated Medium						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
(II)Rehydrated medium						
pH (post autoclaving/heating) :		5.7 ± 0.2				
Colour (post autoclaving/heating) :		Cream to light amber				
Clarity (post autoclaving/heating) :		Opalescent				
(III)Q.C. Test Microbiological						
Cultural characteristics observed after 48 - 72 hrs. at 25 - 30°C.						
MICROORGANISM (ATCC)		GROWTH				
Aspergillus niger (16404)		Luxuriant				
Candida albicans (10231)		Luxuriant				
Saccharomyces cerevisiae (9763)		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 yeasts and molds.				
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
B810	24.3 GM/LIT	20.57L	5.7 ± 0.2	NIL	121°C/15 MIN	