

**TECHNICAL SHEET**

<b>B796</b>	<b>TRYPTONE WATER BROTH</b>					
<b>Formula</b>						
<b>Ingredients :</b>		<b>gms/lit.</b>				
Casein enzymic hydrolysate		10.00				
Yeast extract		1.00				
Dextrose		5.00				
Dipotassium phosphate		1.25				
Bromo cresol purple		0.04				
Final pH (at 25°C) : 7.0 ± 0.2						
<b>Directions :</b>						
Suspend 17.29 gms. in 1000ml. distilled water. Heat gently to dissolve the medium completely. Dispense 10 ml. portions in 20 X 150 mm screw capped tubes. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
<b>Principle :</b>						
Casein enzymic hydrolysate and yeast extract provide the essential nitrogenous compounds, vitamin B complex and other growth nutrients for the growth of Salmonellae. Dextrose is the fermentable carbohydrate. Bromo cresol purple is the pH indicator. The medium is buffered by dipotassium phosphate.						
<b>QC Tests - (I) Dehydrated Medium</b>						
	Colour :	Yellow				
	Appearance :	Homogeneous Free Flowing powder				
<b>(II) Rehydrated medium</b>						
	pH (post autoclaving/heating) :	7.0 ± 0.2				
	Colour (post autoclaving/heating) :	Purple				
	Clarity (post autoclaving/heating) :	Clear				
<b>(III) Q.C. Test Microbiological</b>						
Cultural characteristics observed after 18 - 24 hrs at 35 - 37°C.						
	MICROORGANISM (ATCC )	GROWTH				
	Salmonella enteritidis (13076 )	Luxuriant				
	Salmonella typhimurium (14028)	Luxuriant				
<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 the cultivation of Salmonella species from foods.				
<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>B796</b>		17.29g/l	28.918L	7.0 ± 0.2	NIL	121°C /15 min.

**Disclaimer:**

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