

**TECHNICAL SHEET**

<b>B449</b>	<b>TRANSPORT MEDIUM W/CHARCOAL (CVTR TRANSPORT MEDIUM VIRAL)</b>					
<b>Formula</b>						
<b>Ingredients :</b>		<b>gms/lit.</b>				
Sodium chloride		4.00				
Potassium chloride		0.20				
Dipotassium phosphate		1.70				
Charcoal		10.00				
Agar		4.00				
Final pH (at 25°C) :		7.3 ± 0.2				
<b>Directions :</b>						
Suspend 20.0 grams in 1000ml. distilled water. Heat to boiling to dissolve the medium completely. Dispense in screw capped vials as desired. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Invert the vials just before the medium gets to distribute the charcoal uniformly.						
<b>Principle :</b>						
This medium provides a reduced environment due to the presence small amount of agar. Charcoal helps to neutralize materials which are toxic to sensitive pathogens. Sodium and potassium salts help the survival of viral cells.						
<b>QC Tests - (I) Dehydrated Medium</b>						
Colour :		Black				
Appearance :		Homogeneous Free Flowing powder				
<b>(II) Rehydrated medium</b>						
pH (post autoclaving/heating) :		7.3 ± 0.2				
Colour (post autoclaving/heating) :		Black				
Clarity (post autoclaving/heating) :		Opaque				
<b>(III) Q.C. Test Microbiological</b>						
N.A.						
MICROORGANISM (ATCC )						
N.A.						
<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>		Recommended for transporting viral specimens at ambient temperature.				
<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>B449</b>	20g/l	25L	7.3 ± 0.2	NIL	121°C /15min.	

**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 BIOMARKLABORATORIES publications.

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