B890	**LISTERIA MOTILITY MEDIUM**
Formula	
Ingredients :	**gms/lit.**
Casein enzymichydrolysate	20.00
Peptic digest of animal tissue	6.10
Agar	3.50
Final pH (at 25°C) : 7.3 ± 0.2	

Directions :

Suspend 29.6 gms. in 1000ml. distilled water. Heat to boiling to dissolve the medium completely. Dispense in tubes and sterilize by autoclaving at 15 lbspressure (121°C) for 15 minutes. Allow the tubed medium to cool in an upright position.

Principle :

Casein enzymichydrolysate and peptic digest of animal tissue acts as source of growth nutrients. The motility of Listeria monocytogenes is best demonstrated by stab inoculating two tubes of semisolid medium and incubating one at room temperature (20-25°C) and the other at 35°C. Motility is better observed at room temperature.

QC Tests – (I)Dehydrated Medium	
Colour :	Light yellow
Appearance :	Homogeneous Free Flowing powder
(II)Rehydrated medium	
pH (post autoclaving/heating) :	7.3 ± 0.2
Colour (post autoclaving/heating) :	Light yellow
Clarity (post autoclaving/heating) :	Clear to slightly opalescent
(III)Q.C. Test Microbiological	

Cultural characteristics observed after 24 – 48 hrs.at room temperature (25-30°C).

MICROORGANISM (ATCC)	GROWTH	MOTILITY
Listeria monocytogenes (19111)	Luxuriant	+
Listeria monocytogenes (19112)	Luxuriant	+
Key: + = growth away from stabline.		

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 testing motility of Listeria monocytogenes.
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
B890	29.6 g/l	16.89 lit	7.3 ± 0.2	Nil	121^0C/15 min