

**TECHNICAL SHEET**

<b>B1268</b>	<b>THIOSULPHATE RINGER SOLUTION POWDER</b>					
<b>Formula</b>						
<b>Ingredients :</b>		<b>gms/lit.</b>				
Sodium chloride		2.25				
Calcium chloride.2H <sub>2</sub> O		0.16				
Sodium thiosulphate.5H <sub>2</sub> O		0.80				
pH after sterilization		6.6				
<b>Directions :</b>						
Suspend 2.97 grams of dehydrated powder in 1000 ml distilled water. Heat if necessary to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
<b>Principle :</b>						
Sodium thiosulphite neutralizes residual chlorine present in bacteriological samples and rinses due to the previous use of gaseous chlorine or chlorine containing disinfectants. The thiosulphate neutralizes the bactericidal effect of chlorine in the sample immediately so that subsequent bacteriological examination indicates the pollution of the sample more accurately at the time of collection.						
<b>QC Tests - (I)Dehydrated Medium</b>						
Colour :		White to cream				
Appearance :		Homogeneous Free Flowing powder				
<b>(II)Rehydrated medium</b>						
pH (post autoclaving/heating) :		6.6				
Colour (post autoclaving/heating) :		Colourless				
Clarity (post autoclaving/heating) :		Clear solution without any precipitate				
<b>(III)Q.C. Test Microbiological</b>						
Satisfactory results are obtained when used as a diluent during bacteriological examination of immersion cleaned milking equipment and assessing cleanliness and sterility of dairy plant after disinfection.						
<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>		It is used for assessing the cleanliness and sterility of dairy plant after hypochlorite solution has been used for disinfection purpose.				
<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>B1268</b>	2.97 g/l	168.350 L	6.6	Nil	121°C /15 min.	

**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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