

Product Name : Acid Broth	Product Code : NLAB-CHEMICALSIND21026
Description :	
Acid Broth	
Technical Specification :	
Acid Broth	
Acid Broth is recommended for the cultivation of acid tolerant microorganisms from canned foods.	
Directions	
Suspend 27.5 grams in 1000 ml distilled water. Heat if necessary to dissolve the medium completely. Distribute into tubes or flasks. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.	
Principle And Interpretation	
Acid Broth is a very good medium for the recovery of minimal contamination of canned acid food and is formulated for the selective cultivation of acid tolerant microorganisms. Which are aciduric and responsible for canned food spoilage, can also be cultivated in the Acid Broth. Acid Broth contains an invert sugar, which is a mixture of 50% glucose and 50% fructose obtained by the hydrolysis of sucrose. Peptic digest of animal tissue and yeast extract provide the nitrogenous nutrients including amino acids to the microorganisms. It is included in the medium to prevent loss of water from the medium and also because the acid tolerant bacteria utilize it.	
Quality Control	
Appearance: Light yellow to beige homogeneous free flowing powder.	
pH: 3.80-4.20	
Reaction: Reaction of 2.75% w/v aqueous solution at 25°C. pH : 4.0±0.2	

Colour and Clarity of prepared medium: Light amber coloured clear solution, without any precipitate.

Naugralabequipments

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