

**Product Name :**  
Aeromonas Isolation Medium Base

**Product Code :**  
NLAB-CHEMICALSIND21028

**Description :**

Aeromonas Isolation Medium Base

**Technical Specification :**

Aeromonas Isolation Medium Base

Aeromonas Isolation Medium Base for selective and differential isolation of Aeromonas hydrophila from clinical and environmental specimens.

**Directions**

Suspend 28.15 grams in 500 ml distilled water. Heat to boiling to dissolve the medium completely. Do not Autoclave. Cool to 45-50°C and aseptically add rehydrated contents of 1 vial of Aeromonas Selective Supplement. Mix well and pour into sterile Petri plates.

**Principle And Interpretation**

Aeromonas Isolation Medium is a modification of XLD Medium, which supports the growth of Aeromonas, Plesiomonas, Proteus, as well as Enterobacteriaceae so the medium is used as universal medium in the investigation of enteric disease. It was noted that the recovery of Aeromonas species was very low from fresh foods of animal origin when cultivated on clinical media. Peptone special and yeast extract provide essential nitrogenous and carbonaceous compounds, long chain amino acids, vitamins and other essential growth nutrients. Lactose, sorbose, inositol and xylose are sources of carbon and energy. Ampicillin, bile salts and sodium thioglycollate makes the medium selective. The salts provide the essential minerals and electrolytes. Sodium chloride maintains osmotic equilibrium.

**Quality Control**

Appearance: Light yellow to light tan homogeneous free flowing powder

Reaction: Reaction of 5.63% w/v aqueous solution at 25°C. pH : 8.0±0.2

Gelling: Firm, comparable with 1.25% Agar gel.

pH: 7.80-8.20

Colour and Clarity of prepared medium: Dark green coloured clear to slightly opalescent gel forms in Petri plates.

## Naugralabequipments

**Website:** www.naugralabequipments.com, **Email:** sales@naugralabequipments.com

**Address:** 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India. **Phone:** +91-9896600003