



## *Egg Yolk Emulsion*

**X073**

### **Description**

A sterile emulsion of egg yolks for use in bacteriological culture media. It may be added directly to nutrient media for the identification of *Clostridium*, *Bacillus* and *Staphylococcus* species by their lipase and/or lecithinase activity. Presented in 100ml bottles, add 100ml to 900ml of *Bacillus cereus* medium, or 50ml to Blood Agar Base LAB 28 containing Fildes extract and serum.

### **Technique**

For detection of lecithinase activity (especially in the investigation of 'bitty cream' conditions) add 0.5 or 1.0ml of the emulsion to 10ml of sterile Blood Agar Base (LAB 28) or Nutrient Broth No.2 (LAB 14). In order to clear the medium, raise the final salt concentration by the addition of 1% of sodium chloride. After incubation for up to 5 days at 35°C, lecithinase-producers render the broth opalescent, whilst, on the solid medium, the colonies are surrounded by opaque zones.