7983 Egg Yolk Tellurite, 100ml

Intended Use

Egg Yolk Tellurite, 100ml is a sterile suspension of stabilized egg yolk in saline with potassium tellurite used as an enrichment in bacterial culture media in a laboratory setting. Egg Yolk Tellurite, 100ml is not intended for use in the diagnosis of disease or other conditions in humans.

Principles of the Procedure

Egg Yolk Tellurite, 100ml is added to Baird Parker Agar and is used to identify species of *Staphylococcus* based on these species' lipase and/or lecithinase activity. The potassium tellurite acts as part of the selectivity of the medium, suppressing the growth of non-Staphylococcus bacteria.

For use in:

7112 Baird Parker Agar: used for detection and enumeration of *Staphylococcus aureus* in foods.

Formula:

Egg Yolk ……..30%
Potassium tellurite.....0.15%

Directions

1. Follow the base media instructions for the preparation of the culture medium using egg yolk tellurite enrichment.
2. Suspend 60 grams of Baird Parker Agar in one liter of purified water. Heat with frequent agitation and boil for one minute to completely dissolve the medium.
3. Autoclave at 121°C for 15 minutes. Temper in a water bath at 45-50°C.
4. Add 50ml of Egg Yolk Tellurite and mix thoroughly without generating bubbles before dispensing.

Quality Control Specifications

Appearance: Egg Yolk Tellurite, 100ml is yellow and an opaque suspension, may have a heavy yellow precipitate .

Reconstitution Procedure

Egg Yolk Tellurite, 100ml is ready to use.

Storage

Store sealed bottle containing the product at 2 - 8°C. If opened and not completely utilized, be certain that aseptic dispensing procedures are followed to maintain sterility of the emulsion. Protect from contamination by keeping container tightly closed.

Expiration

Refer to expiration date stamped on the container. The emulsion should be discarded if not sterile, or if appearance has changed from the original color. Expiry applies to emulsion in its intact container when stored as directed.

Limitations of the Procedure

Egg Yolk Tellurite should be thoroughly re-suspended before use. Mix gently by hand without generating foam or bubbles

Packaging

Egg Yolk Tellurite, 100ml

Code No.	**7983**	**100ml**

Technical Information

Contact Acumedia Manufacturers, Inc. for Technical Service or questions involving dehydrated culture media preparation or performance at (517)372-9200 or fax us at (517)372-2006.