



Reference: 0BA1018-50

Scharlau Microbiology - Technical Data

Product: Egg Yolk with Potassium Tellurite-50ml

Specification

Egg yolk emulsion with potassium telurite for Baird Parker medium preparation accordinto to the ISO standard 6888-1.

Presentation

1 Prepared bottle
Bottles 50 ml
with: 50 ±3 ml

Packaging Details

1 box with 1 bottle 60 ml. Plastic screw inner cap.

Shelf Life

18 months

Storage

2-14 °C

Composition

Composition (g/l):

Egg Yolk200 ml

Potassium telurite..... 2.10

Sodium chloride..... 4.25

Sterile water..... 800 ml

Description /Technique

Egg Yolk with Potassium Tellurite for culture media supplementation. Add aseptically 5 ml to melted bottles of Baird-Parker Agar Base (100ml) cooled to 50°C. Mix and pouring into Petri dishes.

Once solidified on a flat surface, Spread the plates by streaking methodology or by spiral method. Incubate the plates right side up aerobically at 37 °C ±1 for 24-48 ± 2 hours.

(Incubation times longer than those mentioned above or different incubation temperatures may be required depending on the sample, on the specifications,...)

After incubation, enumerate all the black-brownish colonies that have appeared onto the surface of the agar with a doble halo, an inner white halo (lipase action) and an outer halo of clear medium (lecithinase activity).

Each laboratory must evaluate the results according to their specifications.

Presumptive isolaton of *S. aureus* must be confirmed by further microbiological and biochemical tests.

Quality control

Physical/Chemical control

Color : yellow

Microbiological control

Add 5 ml of product to 100 ml of Baird Parker Agar base

Inoculate: Practical range 100 ± 20 CFU. min. 50 CFU (productivity)/ 10⁴-10⁶ (selectivity).

Analytical methodology according to ISO 11133:2014/A1:2018; A2:2020.

Aerobiosis. Incubation at 37 °C ± 1, reading after 24-48 ± 2h

Microorganism

Stph. aureus ATCC® 25923, WDCM 00034

Escherichia coli ATCC® 8739, WDCM 00012

Stph. epidermidis ATCC® 12228, WDCM 00036

Stph. saprophyticus ATCC® 15305, WDCM 00159

Staphylococcus aureus ATCC® 6538, WDCM 00032

Growth

Good. Black/grey colonies with halo. Lecithinase (+)

Inhibited

Black/grey colonies w/o halo. Lecitinase (-)

Black/grey colonies w/o halo. Lecitinase (-)

Good. Black/grey colonies with halo. Lecithinase (+)

Sterility control

Inoculate 10 ml of product in 100 ml THIO USP / TSB. Incubate and verify in TSA.

Incubation 7 days at 30-35 °C: NO GROWTH.



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