

BILE ESCULIN AZIDE AGAR

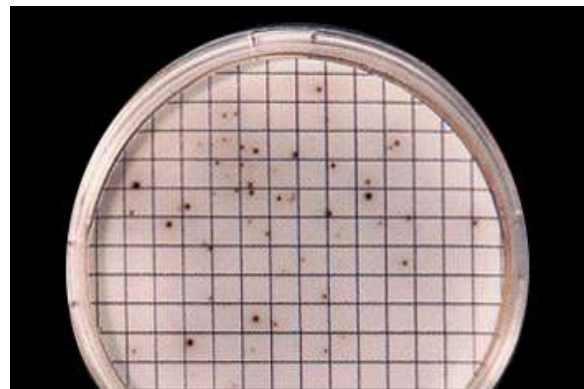
Confirmation of streptococcus faecalis UNE-EN ISO 7899-2:2001, UNE 77-076:1991, BOE 45 de 21/2/2003 of water for human consumption, BOE 259 of 29/X/2003 packaged water

COMPOSITION

Ox bile	10,00 g
Peptone	3,00 g
Triptone	17,00 g
Yeast extract	5,00 g
Sodium cholrine	5,00 g
Esculine	1,00 g
Amonicum ferric citrate	0,50 g
Sodium azide	0,15 g
Agar-agar	15,00 g
(Formula per liter)	
Final pH: 7,1 ± 0,2	



Black colonies of *Streptococcus faecalis*



Several colonies blackened some hours after to pass membrane from Slanetz Bartley Agar



CAUTION: CONTAIN SODIUM AZIDE, TOXIC AND EXPLOSIVE WHEN CONTACT WITH LEAD. AVOID CONTACT WITH YOUR SKIN AND MUCOUS. DO NOT THROW IT BY PIPES.

FOR EXCLUSIVE USE IN LABORATORY.
 KEEP BOTTLE CLOSE IN A DRY, FRESH AND DARK PLACE.
 SHAKE BOTTLE BEFORE USE IT.
 DEHYDRATED CODE: **DMT160**

PRESENTATION: DEHYDRATED MEDIUM, SMALL HERMETIC PLATES, PREPARED TUBES TO SMELT AND ELABORATE PLATES.

PREPARATION

Dissolve 57 grammes in 1liter of bidestiled water. Heat, shaking, till boiling point, for its total homogenisation. Autoclave to 121 °C during 15 minutes. Final colour of medium is amber.

QUALITY CONTROL OF MEDIUM

Elaborated in our laboratory; it is prudent repeat it in your laboratory always conditions change (more than three months with out use it, after disinfect your laboratory, after keep it to higher temperature, when it acquires bizard aspects although expire date is correect,...).

DEHYDRATED: Thick powder, cream.

PREPARED: Sterile, amber.

GROWING CONTROL 48h to 44°C more or less:

Enterococcus faecalis MKTA 29212, Correct, minute colonies with black halo.

Regarding to stanadrd PCA *, counting >127%

Enterococcus durans MKTA 10541, Correct, minute colonies with black halo

E.coli MKTA 25922, Inhibited

Bacillus subtilis MKTA 6633, Inhibited

Staphylococcus aureus MKTA 6538P, Inhibited

The one which carry out with a recuperation higher than 92-125% according to cuantitative strains traceable to type strain.

SPREAD AND INTERPRETATION

Spread colonies growed in Slanetz Bartley Agar medium in surface, spreading with Digralsky handle. Spreading la membrane from Slanetz Bartley, you can confirm 100% of colonies. Incubate 2-44 hours to 44 °C more or less. Consider as intestinal Streptococcus all colonies with a medium around between brown and black. High countings can interfere at differentiation of positive colonies due to diffusion of colour on plate.

User is the only responsible of elimination of microrganism according current environmental legislation. Autoclave before throw it to the rubbish.

Review in July-2010