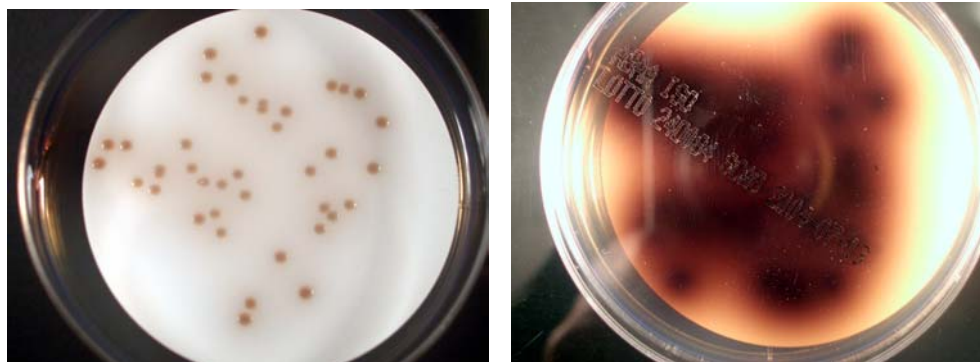


**BILE AESCULIN AZIDE AGAR ISO FORM.**  
Selective medium with sodium azide for the confirmatory test  
of enterococci in water acc. to a ISO 7899-2



Bile Aesculin Azide Agar ISO Form. *E.faecalis* colonies on membrane filter (left) and the appearance on the bottom of the plate (right)

**TYPICAL FORMULA (g/l)**

|                     |       |
|---------------------|-------|
| Tryptone            | 17.00 |
| Peptone             | 3.00  |
| Yeast Extract       | 5.00  |
| Oxgall              | 10.00 |
| Sodium Chloride     | 5.00  |
| Aesculin            | 1.00  |
| Fe-Ammonium Citrate | 0.50  |
| Sodium Azide        | 0.15  |
| Agar                | 13.00 |

**DIRECTIONS**

Suspend 54.7 g of in 1000 ml of cold distilled water. Heat to boiling with frequent agitation. Distribute and sterilise by autoclaving at 121° C for 15 minutes. Do not exceed sterilisation time and temperature. Final pH 7.1 ± 0.1

**DESCRIPTION**

Bile Aesculin Azide Agar is a selective medium with sodium azide for the confirmatory test of enterococci in water acc. to a ISO 7899-2.

**TECHNIQUE**

For the confirmation of the colonies cultivated on Slanetz & Bartley Agar from liquid samples, transfer the membrane after 48hrs of incubation at 37°C onto a plate of Bile Aesculin Azide Agar ISO Form. Incubate at 44 ± 0.5 °C for 2 hours. If the colonies develop a dark brown or black halo, they are confirmed as enterococci.

**USER QUALITY ASSURANCE (37°C-24 AND 48 H)**

Productivity control

*E.faecalis* ATCC 29212: good growth with blackening of medium around the colonies;

Selectivity control

*S.pyogenes* ATCC 19615: partially inhibited

**STORAGE**

Dehydrated medium: 10-30°C

Ready to use plates: 2-8°C

User prepared plates: up to 7 days at 2-8°C

User prepared tubes and flasks: 1 month at 2-8°C

**REFERENCES**

- ISO/FDIS 7899-2: 2000 – Qualité de l'eau - Recherche et dénombrement des streptocoques fécaux. Partie 2-méthod par filtration sur membranes
- NCCLS document M22-A2, 1996. Quality Assurance for Commercially prepared Microbiological Culture Media-2<sup>nd</sup> ed.; Approved Standard.

**PACKAGING**

|                |  |                                     |
|----------------|--|-------------------------------------|
| <b>4010182</b> | <b>Bile Aesculin Azide Agar ISO Formulation,</b> | <b>500 g (9 l)</b>                  |
| <b>491018</b>  | <b>Bile Aesculin Azide Agar ISO Formulation,</b> | <b>30 ready to use 55 mm plates</b> |

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