# Enterokokken-Selektiv-Agar nach Slanetz-Bartley

According to DIN EN ISO 7899-2:2000 and § 64 LFGB

| | |
|---|---|
| **Abbreviazione:** | ESB |
| **Numero articolo:** | 45-1132 |
| **Scheda:** | Petri Dish, 70mm |
| **Colore:** | Yellowish to light red |
| **Condizioni di stoccaggio prodotti:** | Dry, in closed bag at 4-10°C |
| **Data di scadenza:** | 3 Months |
| **Valore pH:** | 7.2 ± 0.2 at 25°C |


## Destinazione e applicazione

Slanetz and Bartley Selective Agar for the isolation and identification of Enterococci in water (BS EN ISO 7899-2:2000).

The Sodium Azide contained in the Slanetz and Bartley Selective Agar inhibits non-target microbiological flora ensuring a high selectivity for Enterococci. Tri-phenyl-tetrazolium chloride is added to the medium so that Enterococci colonies are visualised as red, maroon or pink coloured colonies.

The composition of this medium meets the requirements of the Microbiology of Drinking Water (MoDW) 2012 Part 5 and BS EN ISO 7899-2:2000.

## Composizione tipica

| **in g per 1 litre of Nutrient medium** | |
|---|---|
| Tryptose | 20 |
| Yeast Extract | 5 |
| Glucose | 2 |
| Di-Potassium Hydrogen Phosphate | 4 |
| Sodium Azide | 0.4 |
| 2,3,5-Tri-Phenyl-Tetrazolium Chloride (TTC) | 0.1 |
| Agar | 12 |

*Adjusted as required to meet performance standards



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# Controlli di qualita' microbiologici

The Microbiological Performance Test is carried out in accordance with the requirements BS EN ISO 11133:2014.

**Productivity**
incubation conditions: 44 ± 4 hours at 36 ± 2 °C; Inoculum concentration: 80 – 120 CFU

| Organism | Type Strain | Specification | Colony morphology |
|---|---|---|---|
| Enterococcus faecalis | ATCC 19433 / WDCM 00009 | 50 – 130 % | Red, maroon, pink colonies |
| Enterococcus faecium | ATCC 6057 / WDCM 00177 | 50 – 130 % | Red, maroon, pink colonies |

**Selectivity**
Incubation conditions: 44 ± 4 hours at 36 ± 2 °C; Inoculum concentration: 10.000 – 1.000.000 CFU

| Organism | Type Strain | Specification | Colony morphology |
|---|---|---|---|
| Staphylococcus aureus | ATCC 6538 / WDCM 00032 | Complete inhibition | - |
| Escherichia coli | ATCC 8739 / WDCM 00012 | Complete inhibition | - |

**Microbial Contamination**
Incubation conditions: 5 – 7 days at 20 – 25 °C and 5 – 7 days at 30 – 35 °C

| Specification |
|---|
| No microbial contamination |



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