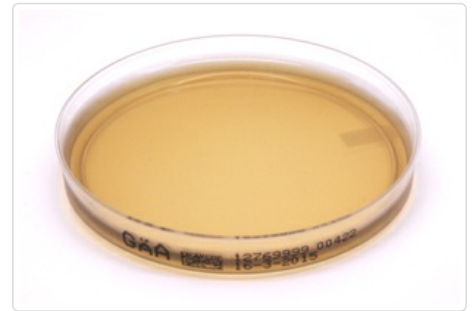


## Bile Aesculin Azide Agar (GÄA)

<b>Shorthand symbol:</b>	GÄA
<b>Item number:</b>	40-1276
<b>Format:</b>	Petri Dish, 90mm
<b>Colour:</b>	Yellowish
<b>Storage conditions:</b>	Dry, in closed bag, at 4-10°C
<b>Shelf-life:</b>	4 Months
<b>pH:</b>	7.1 ± 0.2 at 25°C



### Intended use and fields of application

Bile Aesculin Azide Agar allows the selective isolation, determination and enumeration Eterococci species in water and other study materials. It is also used for the confirmation of suspect colonies of the Enterococci species selectively isolated on Slanetz & Bartley Agar medium.

### Typical composition in g/l

#### in g per 1 litre of Nutrient medium

Casein peptone (Tryptone)	17
Peptone	3
Yeast Extract	5
Bile salts, dehydrated	10
Sodium chloride	5
Aesculin	1
Ammonium Ferric(III)citrate	0.5
Sodium azide	0.15
Agar	12

\*Adjusted as required to meet performance standards

## Microbiological quality control

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 %	Black colonies
Enterococcus faecium	ATCC 6057/WDCM 00177	50–130 %	Black 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