Azide Glucose Broth
(Azide Glucose Broth accrding to Rothe)

TN1103 500 g

Intended use
Used for the cultivation of enterococci from water according to § 64 German Food and Feed Code and waste water.

Form
Powder

Colour
Bright beige

Storage
Dry, tightly closed, at 10...30 °C.

Shelf life
3 years

Microbiological quality control
Incubation: aeobically, 18-24 h at 36 ± 2°C

Directions
Suspend 35 g in 1 litre distilled water and heat until completely dissolved. Autoclave 15 minutes at 121 °C.

Typical composition (g/l)

Peptone	19.8
Glucose	7.5
Sodium chloride	7.5
Sodium azide	0.2

Final pH at 25 °C
7.2 ± 0.2

Test strain	CFU / tubes *)	Turbidity
Enterococcus faecalis ATCC 29212 (WDCM 00087)	10–100	clear turbidity
Enterococcus faecalis ATCC 19433 (WDCM 00009)	10–100	clear turbidity
Enterococcus hirae ATCC 8043 (WDCM 00089)	10–100	clear turbidity
Enterococcus hirae ATCC 10541 (WDCM 00011)	10–100	clear turbidity
Pseudomonas aeruginosa ATCC 27853 (WDCM 00025)	≥1000	no turbidity
Escherichia coli ATCC 25922 (WDCM 00013)	≥1000	no turbidity
Staphylococcus aureus ATCC 25923 (WDCM 00034)	≥1000	no turbidity

*) Reference medium used: TSA

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