

Azide-Dextrose-Broth

M&S item numbers: 5140 (25 x 50 ml, single concentrated)
5010 (4 x 100 ml in 250 ml – bottles, double concentrated)

Application range: Azide-Dextrose-Broth is used for the enrichment and detection of enterococci from water and other samples (s. Mineral- und Tafelwasserverordnung (mineral- and table water regulation)).

Formulation: Peptone from Casein 15.0 g/l
(typical, single conc.) Meat extract 4.8 g/l
Dextrose 7.5 g/l
Sodiumchloride 7.5 g/l
Sodiumazide 0.25 g/l
Bromocresolpurple 0.07 g/l
pH 7.4 ± 0.2
Color violet

Storage: Dark and dry at 4 – 12 °C

Description: Azide inhibits the growth of most bacteria, but does not affect the development of enterococci.

Typical growth: Incubation aerobical at 36 ± 1 °C for 24 – 48 hours

Microorganisms	Growth	Appearance
<i>Enterococcus faecalis</i>	very good	Turbidity, color change from violett o yellow
<i>E. coli</i>	no	-