

## Buffered Nitrate Motility Medium

TN 1078 500 g



### Intended use

Used for the confirmation of *Clostridium perfringens* (according to § 64 German Food and Feed Code).

### Form

Powder

### Colour

Bright beige

### Storage

Dry, tightly closed, at 10...25 °C.

### Shelf life

3 years

### Directions

Suspend 20 g in 1 litre distilled water, add 5 ml Glycerin REF TN 1424 and heat until completely dissolved. Dispense into tubes and autoclave for 15 minutes at 121 °C. Allow to set in upright position.

### Typical composition

Component	g/l
Meat extract	3.0
Casein peptone	5.0
Potassium nitrate	1.0
Galactose	5.0
Disodium hydrogen phosphate	2.5
Agar	3,5

### Final pH at 25 °C

7.3 ± 0.2

### Microbiological quality control

Incubate Buffered Nitrate Motility Medium anaerobically for 18-24 hours at 36 ± 1 °C.

Test strain	No.	Motility	Nitrate reduction
<i>Clostridium perfringens</i>	ATCC 13124	-	+
<i>Clostridium sporogenes</i>	ATCC 19404	+	-
<i>Clostridium bifermentans</i>	ATCC 638	+	-
<i>Clostridium sordellii</i>	ATCC 9714	+	-