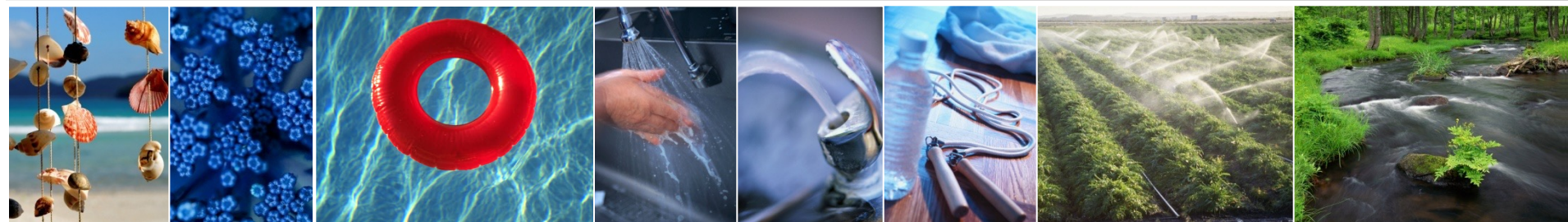


PRESENTATION :

AGAR COMPASS® CC METHOD



COMPASS[®] cc Agar

The **Agar COMPASS[®] cc method** allows the enumeration of *E. coli* and coliforms in 24 hours in drinking water.

This method is certified by AFNOR certification in relation to **reference method ISO EN 9308-1**.

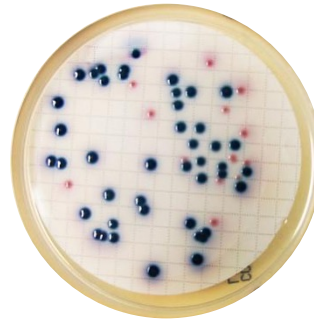
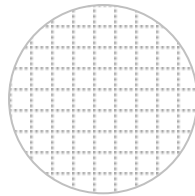


COMPASS[®] cc Agar

Water sample
(100 ou 250 ml)



Place the
membrane
front grid to
the top



**BLUE VIOLET
colonies : *E. coli***

β -galactosidase +
 β -D-glucuronidase +

**PINK colonies :
Coliforms**

β -galactosidase +
 β -D-glucuronidase -

FILTRATION

PLATING
24 HEURES $\pm$ 3H AT 36° $\pm$ 2°C

ENUMERATION
WITHOUT CONFIRMATION

COMPASS[®] cc Agar

Membrane filtration

Reference method
NF EN ISO 9308-1 : 2000

Standard test

Tergitol 7 Agar

⌚ 21 ± 3 h at 36 ± 2 °C
or 44 ± 4 h¹

Yellow colonies, lactose +

Confirmation

Tryptic soy-agar

⌚ 21 ± 2 h
at 36 ± 2 °C

Oxidase test

Coliforms
Test (-)

Tryptophane broth

⌚ 21 ± 3 h
at 44 ± 0,5 °C

Indole test

E. coli
Test (+)

Total Coliforms
enumeration

Quick test

Agar TSA

⌚ 4 h à 5 h at
36 ± 2 °C

Agar TBA

⌚ 19 h at 20 h
at 44 ± 0,5 °C

Indole test

⌚ 10 at 30 min
under UV lamp

Red colonies

E. coli enumeration

Simplified protocol
COMPASS[®] cc Agar

Membrane filtration

COMPASS cc Agar

⌚ 24 ± 3 h at 36 ± 2 °C

Blue and pink colonies

E. coli and coliforms
enumeration

J+1

Without confirmation

J+2 at

J+3

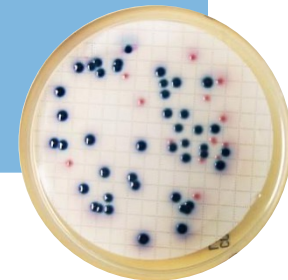
¹ The incubation duration up to (44 ± 4) h may increase the test sensitivity

COMPASS[®] cc Agar

COMPASS[®] cc Method

Specific detection of *E. coli* plus coliform differentiation.

- Good visual distinction between **BLUE VIOLET** colonies (*E. coli*) and **PINK** colonies (coliforms).
- Expression of 2 specific enzyme activities : β -galactosidase and β -D-glucuronidase.
- Total inhibition of secondary flora.



COMPASS[®] cc Agar

COMPASS[®] cc Method

2 tests in 1 package : a quick and easy-to-use simultaneous enumeration of *E. coli* and coliforms.

- Use of a single media with no confirmation.
- Results in 24 hours by direct plating.
- Time saving in relation to the 2 day reference method.

FILTRATION

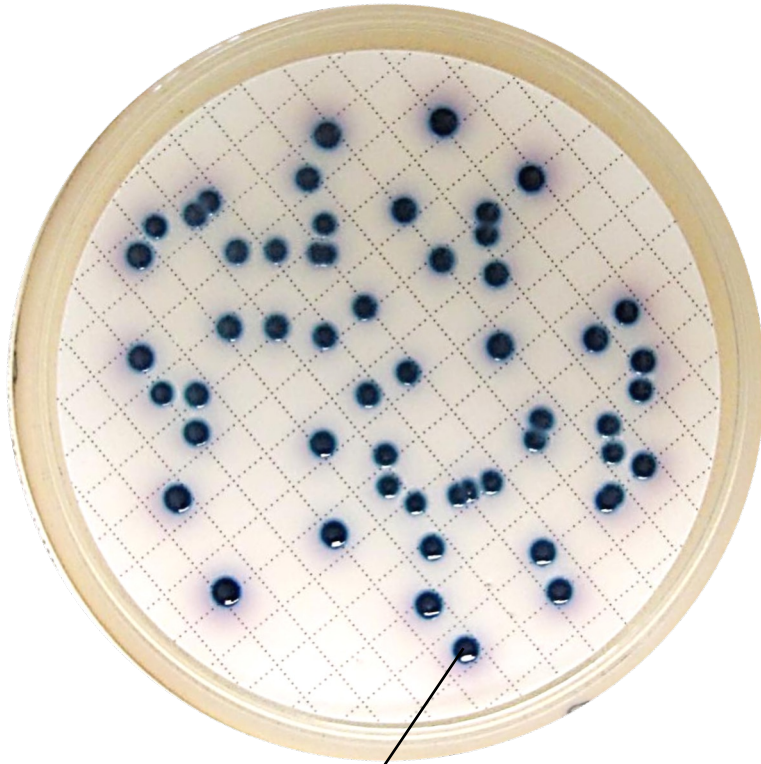
PLATING

24 HEURES ± 3H AT 36° ± 2°C

ENUMERATION

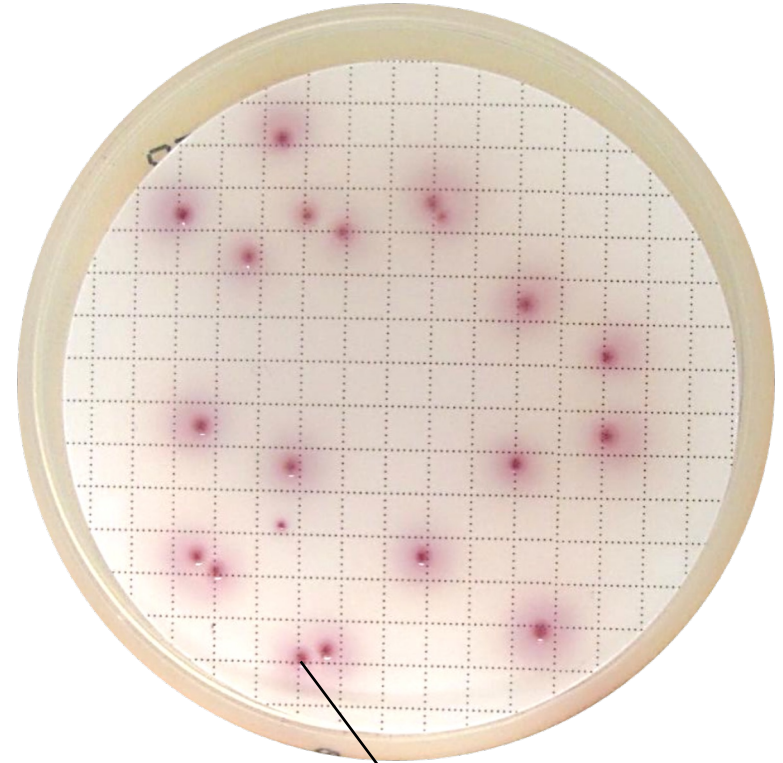
WITHOUT CONFIRMATION

COMPASS[®] cc Agar



Escherichia coli

Characteristic colony :
Blue-violet color



Other coliforms

Characteristic colony :
Pink color