

## Quanti-P/A Clostricult

New patented method for counting *Clostridium perfringens* and its spores in 50-100 mL of water with TSC Agar medium (ISO 14189 water, ISO 13401 food)

- ➔ It does not need jars or anaerobic kits, which lowers its cost
- ➔ Saves the oxygenating stress of the Membrane Filtration and its consequent 49% of false negatives (drastically increases the sensitivity)
- ➔ Prevents the typical 1-2 log lowering of the Membrane Filtration in m-CP and in TSC (dramatically increases the accuracy)
- ➔ There is no alternative method by MPN
- ➔ Effectively control the only indicator of enterovirus and protozoa (*Cryptosporidium*, *Giardia*, *Entamoeba*...) required by the UE for drinking water, bottled drinking water and bathing water
- ➔ You can also use it to mass sample 1 g of food and cosmetics (diluted in 100 ml of sterile water), thus saving the fusion / cooling of agars.



Still not finished mashing,  
with TSC clots

### How to use:



Incubation of stacked bags

1. If you are looking for spores, preheat the water for 15 minutes at 70-80 °C and let it cool a bit so it does not burn. If your sample is 50 mL (bottled water), add another 50 mL of sterile water. Add the 100 mL sample of water through the stopper.
2. Remove residual air that remains in the bag, close the cap tightly
3. Knead with the hands the sample of water with the powder medium; when you acquire dexterity, 10 seconds will be enough
4. On a horizontal surface, tap the bag with the medium inoculated (to eliminate lumps) and iron it (to homogenize the thickness)
5. Incubate the piled bags, in a horizontal position, 18-24h at 44°C
6. Enumerate the black colonies; if none is shown, report "0 ufc / 100 mL"



Colony count and linearity

See the tutorial at: <https://www.youtube.com/watch?v=A8WifR8mZ1k>

Ref: QPA-CP (box 20 or 200 test)

Also available for Sulfite-Reducers Clostridia with SPS (Ref: QPA-CSR) and for enterococci with BEA (Ref: QPA-ETC)