

For an optimal concentration of viruses from water



Enteroviruses are pathogens that can contaminate food matrix like water for instance. They can cause human epidemics or sporadic cases of infectious diseases. Among the viruses, adenoviruses, rotaviruses, noroviruses, HAV and HEV are the most sought-after. Monitoring of enteric viruses is a major economic and sanitary stake to secure water sources and better manage viral risks. Scientific literature and norms (e.g. ISO/TS 15216) recommend the use of electropositive membranes to concentrate viruses in order to reach high retention capacities.

Specialized in microbiological risk management of water intended for human consumption for more than 10 years, GL BIOCONTROL developed a new type of electropositive membranes.

ZETTA+ membranes of GL BIOCONTROL show very high retention and recovery capacities of viruses from water samples. These membranes, compatible with the requirements of the current norms, ensure an efficient concentration of enteroviruses. ZETTA+ membranes are a perfect alternative to 3M filters.

Technical advantages

- Low pressure loss for filtration of bottled water.
- Maximized retention of viruses and recovery capacities.
- Characteristics compatible with norms ISO/TS 15216.

Application fields

These membranes aim to concentrate enteric viruses from 0.1 to 10 liters of water samples.

Specifications

Electropositive membrane – Porosity 0.45 micron – Diameter 47 millimeters.

Packaging

100 filters per box.

