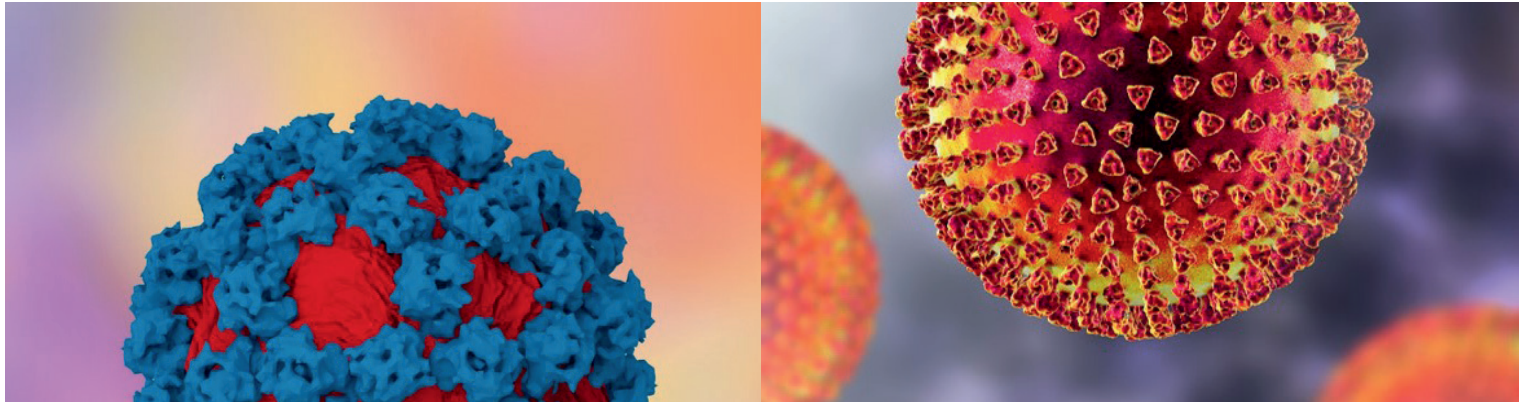


VTA Hydroprompt® FORTE

Elimination of viruses and antibiotic-resistant germs



we clean water

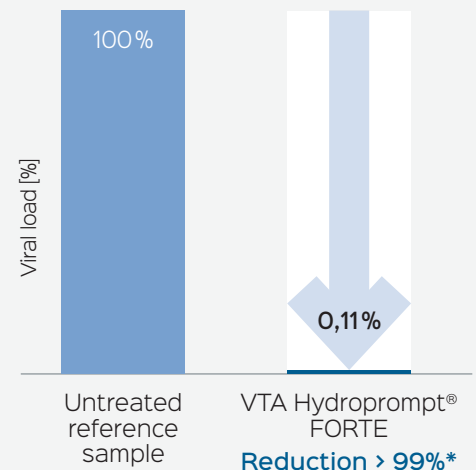


No more rotaviruses and noroviruses in wastewater! In its latest round of molecular biological analysis, independent, world-leading bioanalytical company 'Eurofins' (www.eurofins.de) has confirmed that **VTA Hydroprompt® FORTE** almost completely eliminates these pathogens in wastewater. This can be achieved with just a small amount of the product.

ROTAVIRUSES

are the most common pathogen worldwide for severe diarrhoeal diseases, which in some cases can also cause death. They affect small children, infants and elderly people in particular. Diarrhoea accompanied by high fever and vomiting can quickly lead to fluid loss that must be closely monitored.

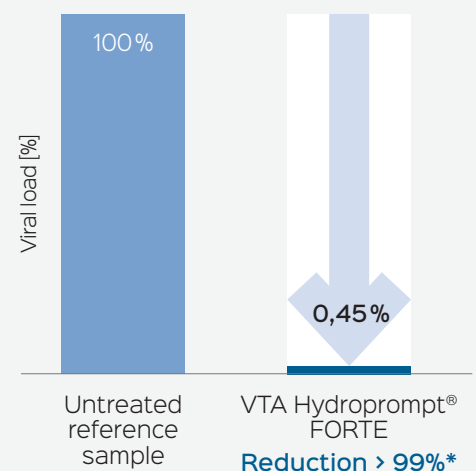
According to the Robert Koch Institute (RKI), around 450,000 children worldwide die of the disease every year. Infection occurs through faeces, contaminated materials, food and water. The virus is highly contagious and very environmentally resistant.



NOROVIRUSES

are also highly contagious and cause severe gastrointestinal disorders. In severe cases, these need to be treated in hospital.

Common carriers include dirty water, contaminated food or soiled materials. Good hygiene and disinfection are the most important preventive measures, as there are neither vaccinations nor drugs against the virus. According to the RKI, noroviruses are responsible for the majority of non-bacterial gastrointestinal infections.



* Molecular biological detection in genome copies / L

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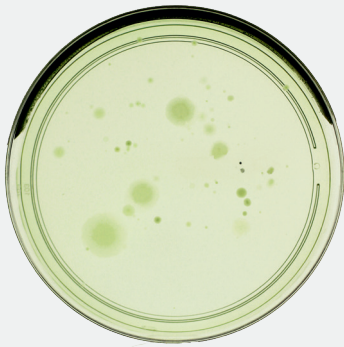
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VTA Hydroprompt® FORTE

Elimination of viruses and antibiotic-resistant germs



we clean water



Without VTA Hydroprompt® FORTE

Colonies on plate count agar

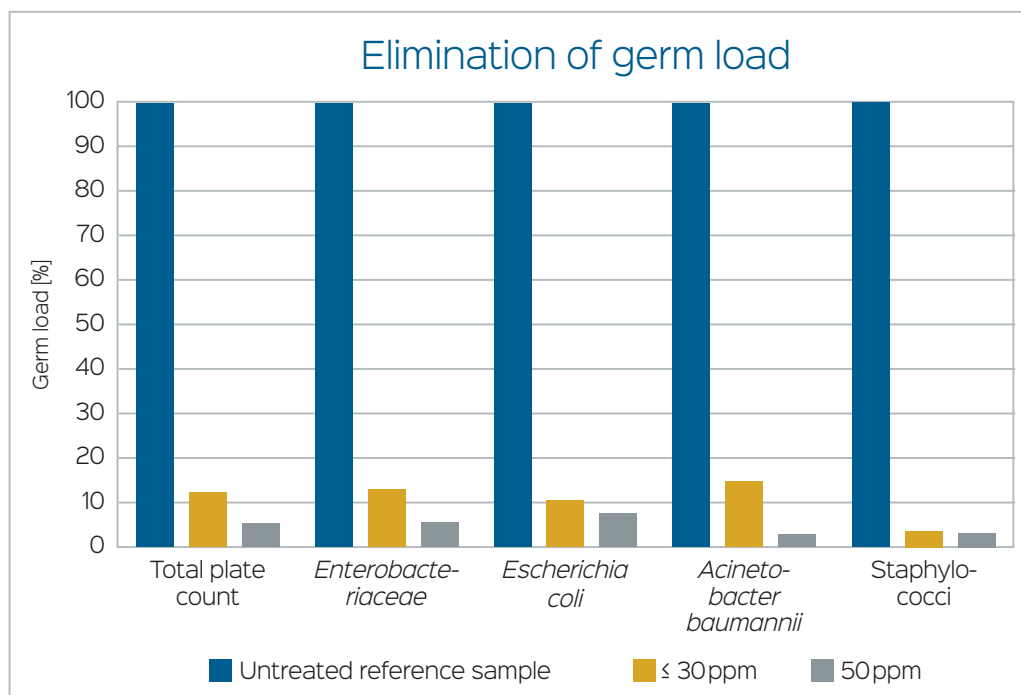
Untreated control sample (left), sample treated with VTA Hydroprompt® FORTE (right).

Once the fine floc has settled, almost complete elimination of germs can be observed in the supernatant (depending on dosage).



With VTA Hydroprompt® FORTE

Elimination of germ load



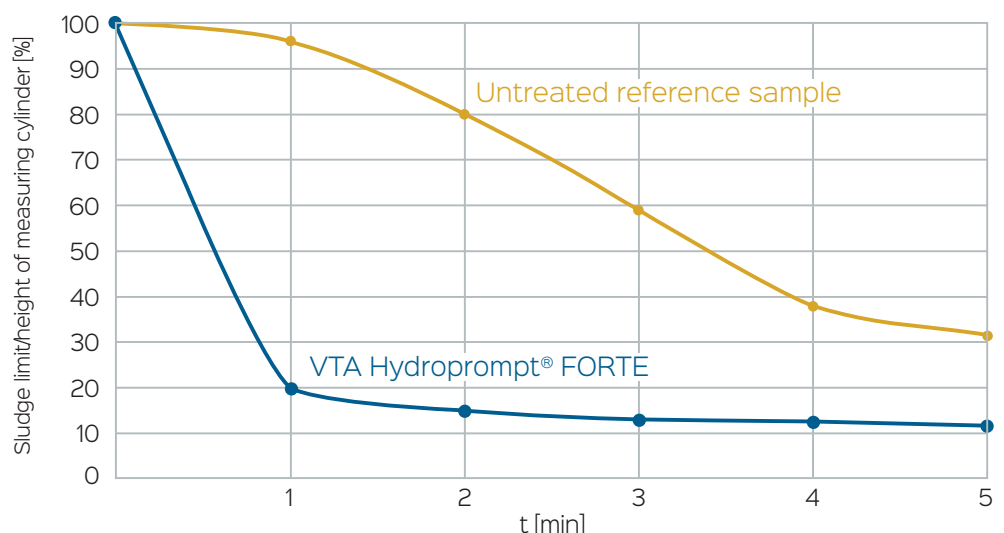
Average values from a series of practical tests

Pathogenic germ	Diseases
<i>Enterobacter aerogenes</i>	Urinary and respiratory tract infections, meningitis
<i>Escherichia coli</i>	Infections of the digestive tract and urinary tract
<i>Acinetobacter baumannii</i>	Lung, wound, urinary tract and brain infections
<i>Staphylococcus saprophyticus</i>	Urinary tract infections
<i>Staphylococcus aureus</i>	Nosocomial diseases, gastrointestinal infections

Sedimentation

Several series of tests confirm that VTA Hydroprompt® FORTE leads to a significant improvement of sedimentation behaviour and the sedimentation rate. A clean, turbidity-free clear water phase is guaranteed by the formation of stable macrofloc.

Sedimentation curve



Average values from a series of practical tests