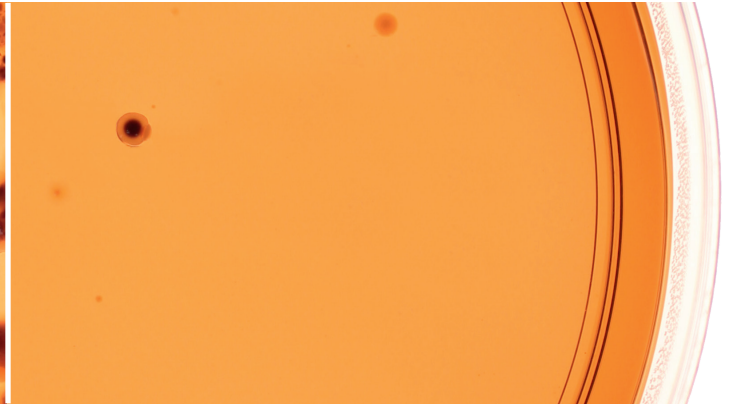


Without VTA Hydroprompt® FORTE



With VTA Hydroprompt® FORTE

VTA Hydroprompt® FORTE represents the latest development for reliable elimination of various microbial loads from wastewater in secondary clarifiers. This multi-functional system product from the in-house VTA laboratories has also been endowed with properties that ensure highly effective precipitation and flocculation.

VTA Hydroprompt® FORTE is used to treat wastewater in the secondary clarifier inlet. Microbial impurities, which also include pathogens and multi-resistant bacteria, are effectively removed from the aqueous phase. The specially developed formula ensures, however, that microorganisms in the biological process are not adversely affected.



Effective reduction of microbial load even at low dosing quantities



Improved settleability/sedimentation behaviour of suspended matter



Efficient flocculation  
Formation of stable macrofloc



Increased sedimentation rate and visible depth



Reliable phosphate elimination

## WITHOUT VTA HYDRO Prompt® FORTE



### Colonies on plate count agar.

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

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

## WITH VTA HYDRO Prompt® FORTE



The following results are average values from a series of practical tests

	Load		Reduction
	Control sample	VTA Hydroprompt® FORTE	
Total microbial load	100%	5,38%	> 94%
<i>E. coli</i>	100%	4,17%	> 95%
<i>Enterobacter aerogenes</i>	100%	1,65 %	> 98%
<i>Acinetobacter baumannii</i>	100%	2,74%	> 97%
<i>Staphylococcus saprophyticus</i>	100%	6,25%	> 93%

Evaluation relates to addition of 50 ppm of product.

**This product is a multi-year, targeted development from the VTA Group's research and development department.**

