



This product is a development of the VTA Group's research and development department.

VTA Biocitran® FORTE is a high-performance product specifically developed to improve sludge dewatering.

Its main effect is to ensure higher dewaterability, producing an increase in the dry substance content while simultaneously reducing the polymer requirement by up to 25%. At the same time, it eliminates odours and improves the centrate.

In addition, existing MAP deposits are dissolved and the formation of new deposits is prevented. These crystalline deposits disrupt the operation of many treatment plants and cause considerable additional costs.

IMPROVES DEWATERABILITY

- Increases dry substance content by up to 5 percentage points



REDUCES THE POLYMER REQUIREMENT

- Reduces polymer consumption by up to 25%



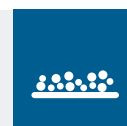
EFFECTIVE ODOUR PREVENTION

- Targeted elimination of hydrogen sulphide compounds



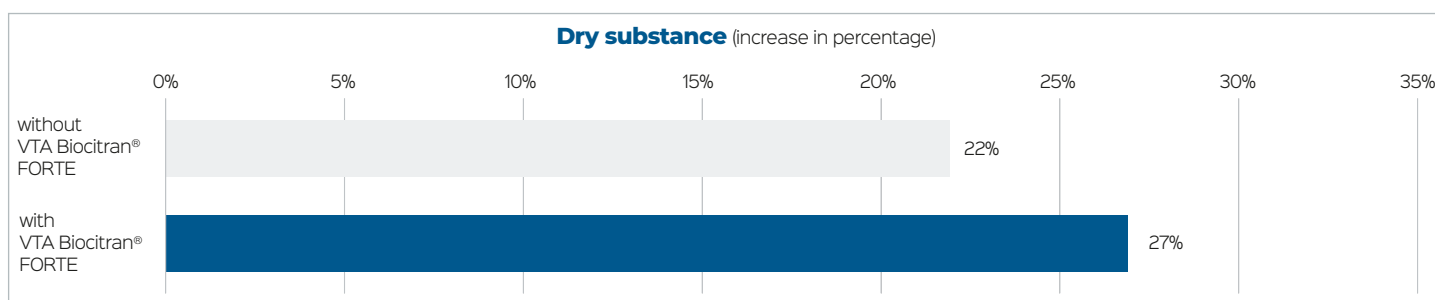
MAP DEPOSITS

- Degrades existing deposits and prevents formation of new deposits.



PROPERTIES

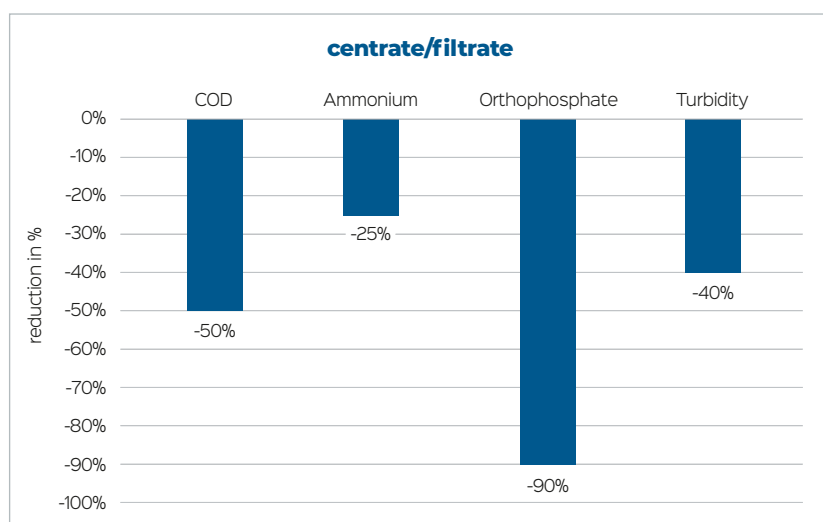
- Appearance:** Clear, chestnut brown liquid
Odour: Cognac aroma
Freezing point: The product is not sensitive to frost
Density: Approx. 1.2 g/cm³





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IN PRACTICE



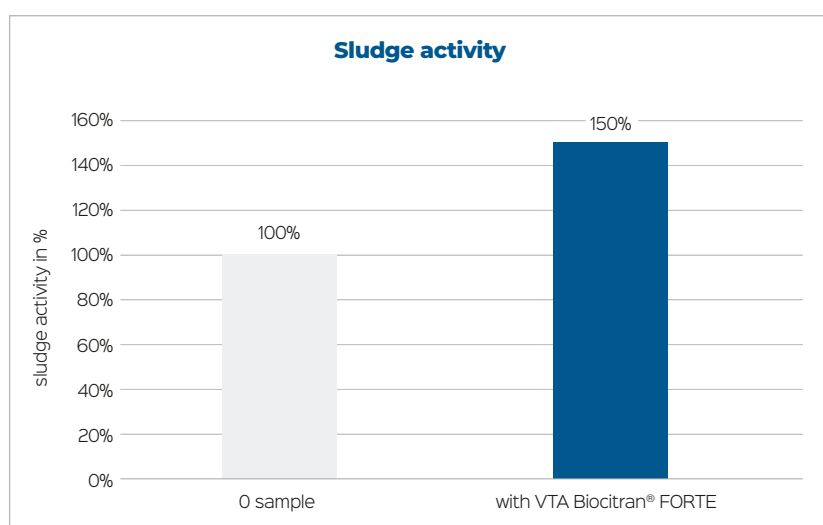
The centrate/filtrate produced reduces the backcharge to the biological stage

COD: Up to - 50%

Ammonium: Up to - 25%

Orthophosphate: Up to > - 90%

Turbidity: Up to - 40%



Improves denitrification (and also biological phosphorus removal in the right conditions) by increasing the sludge activity by up to 50% (through centrate or filtrate recirculation)