

PTSA M501

10 - 400 ppb

**Fluorescence** 

### Instrument specific information

The test can be performed on the following devices. In addition, the required cuvette and the absorption range of the photometer are indicated.

Instrument Type	Cuvette	λ	Measuring Range
MD 600, MD 640, Test Kit	ø 24 mm	395 nm	10 - 400 ppb

### **Material**

Required material (partly optional):

Reagents	Packaging Unit	Part Number
PTSA standard addition solution, 1000 ppb	1 pc.	461210

## **Application List**

· Cooling Water

# Preparation

- 1. Before use, clean the vials and the accessories.
- The outside of the vial must be clean and dry before starting the analysis. Clean the outside of the vials with a towel. Fingerprints or other marks will be removed.
- The photometre is already factory calibrated, or the instrument was calibrated by the user. It is recommended to verify calibration accuracy by a Standard measurement.
- · when in doubt about last calibration or accuracy of results
- · once a mounth

The verification measurement shall be done like a sample measurement.



### **Notes**

- 1. Use only vials with black lids for PTSA measurements.
- Large temperature differences between the instrument and the environment can lead to errors. For best results, perform tests with sample temperatures between 20 °C (68 °F) and 25 °C (77 °F).
- Vials and caps should be cleaned thoroughly after each analysis to prevent interferences.
- 4. To ensure maximum accuracy of test results, always use the reagent system supplied by the instrument manufacturer.
- 5. Do not pour used standards back into the bottle.
- 6. Spiking procedure possible (see Instruction Manual Photometer).



## **Determination of PTSA**

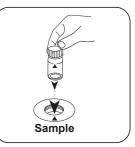
Select the method on the device.



Fill PTSA mm vial with **10 mL sample**.



Close vial(s).



Place **sample vial** in the sample chamber. Pay attention to the positioning.



Press the **TEST** (XD: **START**)button.

The result in ppb PTSA appears on the display.



## **Chemical Method**

Fluorescence