

100 NTU Standard

PS-2511



100 NTU Standard, 6 milliliters (mL)

Product Description

The PS-2511 100 NTU Standard is used to calibrate the PS-2122 Turbidity Meter*. The solution comes in a 6 mL glass cuvette designed to be used with the Turbidity Sensor. The NTU anagram represents “nephelometric turbidity units”, and the NTU is a standard unit for turbidity measurements.

**See the PASCO catalog or the PASCO web site at www.pasco.com for more information.*

100 NTU Standard Preparation Procedures

Preparation Procedures: Regular Use

Calibration of the Turbidity Sensor is required the first time the sensor is used. It is also necessary when you are measuring solutions with varying temperatures, or when using different cuvettes.

- To prepare for calibration of the Turbidity Sensor, gently invert the 100 NTU Standard cuvette five times. Clean the outside of the cuvette.



- Use the 100 NTU Standard as soon as possible after it has been gently inverted five times.

Preparation Procedures: Intermittent Use

If the 100 NTU Standard cuvette has been stored for more than one month, do the following before calibration:

- Shake the cuvette vigorously for one minute to stir up the particles.
- Allow the cuvette to stand undisturbed for five minutes to eliminate air bubbles.
- Gently invert the cuvette five times.
- Clean the outside of the glass cuvette.

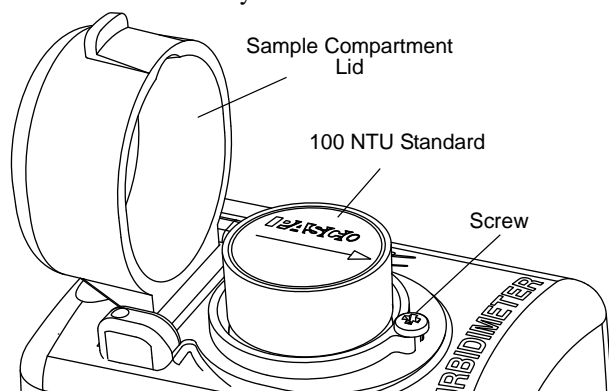
Expiration

By following the preparation procedures, the 100 NTU Standard sample should provide accurate results ($\pm 7\%$) up to the expiration data on the bottom of the cuvette. After the expiration date, PASCO cannot guarantee the stability of the sample.

Use with the Turbidity Sensor

Open the Sample Compartment and place the cuvette inside. Turn the cuvette so that the arrow on the label points toward the screw at the front of the compartment.

Close the lid securely.



Technical Support

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For the latest information about the 100 NTU Standard, visit the PASCO web site at www.pasco.com and enter "PS-2511" in the Search window.

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