

# ProCheck-S Solid Validation Turbidity Standard

The ProCheck Solid Validation Standards are used as a quick and convenient “check” to determine if a Primary Calibration is needed prior to the next regularly scheduled primary calibration. Designed for use with HF scientific turbidimeters, they can be used as often as needed and will last for many years. Although actual values will be determined with testing, the typical value for the low range ProCheck-S will be less than 1 NTU for drinking water and other applications requiring a very low NTU range and the mid range ProCheck-S will typically be around 7 NTU for higher range applications.

## How do they work?

Perform a full primary instrument turbidity calibration using the normal procedures for your instrument.

Insert the ProCheck-S standard into the instrument with the red index mark facing forward.

Take a reading, record the obtained value and log the result.

Calculate the +/- 10% Min/Max Pass Range and log the results.

Min value is the obtained value minus 10%, the Max value is the obtained value plus 10%

## To perform a validation check between scheduled primary instrument calibrations:

Insert the ProCheck-S turbidity standard with the red index mark facing forward.

Take a reading, note the obtained value and compare it with the +/- 10% Min/Max Pass Range obtained earlier.

If the value falls within the +/- 10% Min/Max Pass Range the instrument has passed.

If the value falls outside the +/- 10% Min/Max Pass Range a full primary calibration of the instrument is needed.

## Advantages

- Can be used with multiple instruments
- Validate a turbidimeter in just seconds
- Complies with USEPA Method 180.1 procedures
- Two year warranty

## Ordering Information

Cat. No.	Description
28335	ProCheck Low NTU Value (typically less than 1 NTU) - for MicroTOL, Micro 100/1000
28336	ProCheck Mid NTU Value (typically around 7 NTU) - for MicroTOL, Micro 100/1000

All units include one ProCheck-S standard, log sheet, microfiber cloth, instruction sheet and is housed in a hard, protective case.



Low NTU Value

Mid NTU Value



ProCheck-S in case