

**Instructions for:
WS Solids (cat # PT-SOL-WS)**

STANDARD DESCRIPTION

- The WS Solids standard is provided as a 500 mL ready-to-use sample.
- The WS Solids standard is unpreserved.
- Store the standard in the unopened bottle at room temperature (~20 - 25°C).

ADDITIONAL INFORMATION

- The WS Solids standard contains suspended solids. To ensure a uniform sub-sample, shake the bottle vigorously prior to removing an aliquot for the determination of Total Suspended Solids (TSS).

STANDARD PREPARATION, ANALYSIS and STORAGE

1. For best results, the PT standard should be stored near room temperature (~ 20 - 25°C).
2. The standard is ready for preparation and analysis per your routine method(s) as received. No dilutions are necessary.
3. Report all results in mg/L per the reporting instructions contained in this booklet.
4. Store any remaining standard at ~ 20 - 25°C.

CONCENTRATION RANGE and PTRL

- After preparation per these instructions, the standard will contain the analytes in the following table at a certified Concentration within the ranges shown.
- The NELAC Proficiency Testing Reporting Limit (PTRL) is provided as guidance when analyzing NELAC PT standards. At a minimum, the laboratory should use a method that is sensitive enough to generate quantitative results at the PTRL shown.

| Analyte | Units | Concentration Range | PTRL |
|------------------------------|-------|---------------------|------|
| Total Dissolved Solids (TDS) | mg/L | 140 – 650 | NA |
| Non-Filterable Solids (TSS) | mg/L | 23.0 – 100 | NA |
| Total Solids (TS) | mg/L | 140 - 675 | NA |

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