

Instructions for: *WP Color (Cat # PT-COL-WP)*

STANDARD DESCRIPTION

- The WP Color standard is provided in a vial that contains approximately 23 mL of concentrate.
- The WP Color standard is unpreserved.
- Store the standard in the unopened vial at room temperature (~ 20 - 25°C).

ADDITIONAL INFORMATION

- The standard has been provided as a concentrate that must be diluted prior to analysis.

STANDARD PREPARATION, ANALYSIS, and STORAGE

1. For best results, the PT standards should be stored at room temperature (~ 20 - 25°C).
2. Add approximately 60 mL of ASTM Type 1 water to a 100 mL Class A volumetric flask.
3. Transfer exactly 20.0 mL of the PT standard concentrate to the flask using a Class A volumetric pipette.
4. Bring the flask to volume with ASTM Type 1 water.
5. Mix the solution by inverting the volumetric flask a minimum of three times.
6. The standard is now ready for preparation and analysis per the selected method(s).
7. The sample should be analyzed as soon as possible after dilution.
8. Report all results in PtCo (platinum/cobalt) units per the reporting instructions contained in this booklet.
9. Store the diluted standard and any remaining concentrate at room temperature (~ 20 - 25°C).

CONCENTRATION RANGE and PTRL

- After preparation per these instructions, the standard will contain Color at a certified Concentration within the range 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
Color	PtCo Units	10.0 - 75.0	1.70