

**BlueTrace (6120) 10****Range(s): 1.0-10 mg/L PCT 6120****Procedure**

Note: Glassware that is scratched or damaged may affect test results. Use glassware that contains no visible scratches or etching.

1. Turn on the Colorimeter.
2. Select a test menu (ALL TESTS, RECENT TESTS, or FAVORITES) containing BlueTrace (6120) 10 using ◀▶.
3. Select BlueTrace (6120) 10 using ▲▼; then press ENTER Ⓢ.

4. Rinse and fill 25 mm sample cell to 10 mL mark with DI Water (R-0833), tap water, or untreated water; then cap. (This will be the blank sample cell.)
5. Insert blank sample cell into sample cell compartment. Align marks per User's Manual.
6. Select ZERO using ◀▶; then press ENTER Ⓢ. Zero will be displayed.
7. Remove blank sample cell from sample cell compartment.

8. Rinse and fill a second 25 mm sample cell to 10 mL mark with sample; then cap.
9. Insert sample cell into sample cell compartment. Align marks.
10. Select READ using ◀▶; then press ENTER Ⓢ. The instrument will read the sample and the result will be displayed.

**Interferences**

Bubbles – positive interference  
Turbidity – positive interference

To remove interference: Filter sample prior to testing using 0.45 µm filter disc (part #6261) and filter assembly (part #6249 and #6261).

**Test Method**

Direct Reading

BlueTrace is determined directly by measuring the absorbance of the sample at a specified wavelength. Results are displayed as mg/L PCT 6120. PCT 6120 is a colorant supplied by ProChemTech International.

**Estimated Detection Limit**

0.1 mg/L PCT 6120

**Precision**

± 0.1 mg/L PCT 6120

## Application

Industrial Water

***Instruction #5537***

## Ordering Info

### Reagent Pack

K-8041 BlueTrace (6120) 10

Formulated for exclusive use with Taylor's TTi® Colorimeter.

### Reagent Pack Components

R-0833 DI Water

#6249 Filter Disc Holder, 25 mm, Millipore™

#6260 Syringe (no filter disc holder or filter discs), 30 mL, plastic

#6261 Filter Discs, 25 mm diameter, 0.45 µm, Whatman™, 100/box

