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

(over)

Application

Industrial Water

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

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