

## TURCO<sup>®</sup> 4215

### CONTROL PROCEDURE

#### Apparatus

1. pH-meter
2. Beaker, 250 ml
3. Pipette, 50 ml
4. Burette, 50 ml

#### Reagents

1. 1.0 N Sulfuric acid
2. Bromocresol Green, 0.1% in isopropyl alcohol.

#### Procedure

1. Obtain a sample from the tank and cool to room temperature.
2. Pipette 50 ml sample into a 250 ml beaker containing 50 ml DI water.
3. Titrate with 1.0 N sulfuric acid to pH 4.
4. If pH meter is not available, add 5-8 drops of Bromocresol Green indicator. Titrate with 1.0 N sulfuric acid until the color of the solution changes from blue green to yellow.

#### Calculation

Mills 1.0 N sulfuric acid x 4.37 = g/l Turco 4215